

1461

**Six Monthly Progress Report of Action Plan for
Solid Waste Management, GoMP**

In the Matter of

**Hon'ble National Green Tribunal Principle Bench
Order number 606/2018 for the State of Madhya
Pradesh**

w.r.to

Hon'ble National Green Tribunal Principal Bench
Order date 10.11.2022 and 14.03.2024

Note of Six-Monthly Progress in Solid Waste Management in the State

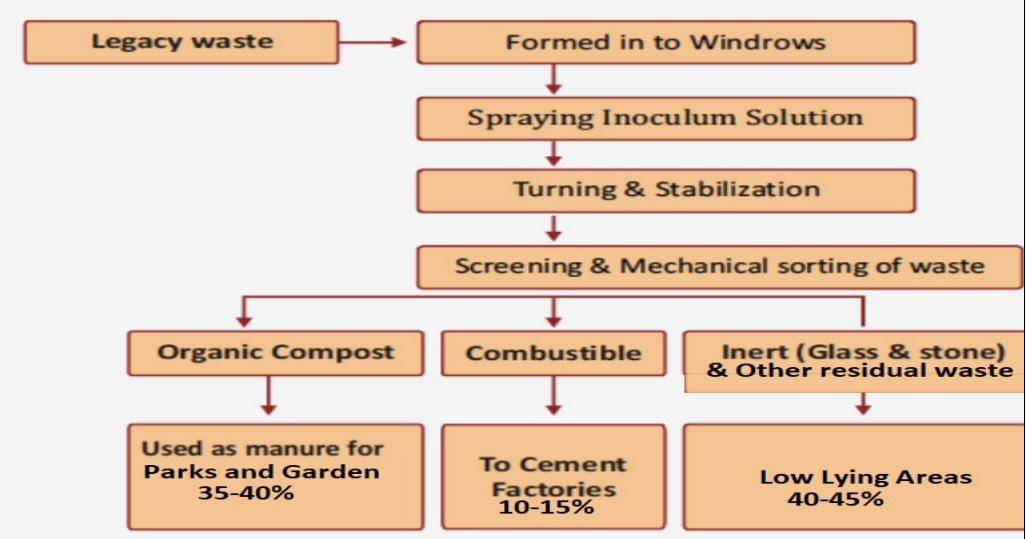
Six monthly progress since March 2024 in Solid Waste Management in the state of Madhya Pradesh for NGT O.A. 606/2018 is detailed herein.

- For Legacy Waste, the state is planning for complete biomining & bioremediation process, in this regard action plans and DPRs for 87 ULBs has have been prepared with total cost of 226.63 Cr. Tender for all 87 ULBs were floated out which workorder has been issued for 54 ULBs and for rest ULBs tenders are live.
- It was suggested to organize “Training and Capacity Program” for other State, Officials from different ULBs, in this regard a total of 202 officials from various state government offices visited Indore City to understand the various method of processing plant for Municipal Solid Waste management.

Compliance on Report Dated: 14.03.2024 BEFORE THE NATIONAL GREEN TRIBUNAL PRINCIPAL BENCH, NEW DELHI Original Application No. 606/2018 (I.A. No. 163/2021)

Sl. No.	Agenda Points	Compliance Status																																								
[A] Solid Waste Management																																										
1.	Out of 33,44,472 MT of legacy waste dumped at 86 sites, only 6 lakh MT has been remediated. For remaining about 27 lakh MT, no timeline is disclosed and therefore violations of MSW rules are evident.	<p>Out of 33,44,472 MT of legacy waste dumped at 86 sites, 53 Urban Local Bodies (ULBs) have issued work orders and begun remediation work.</p> <p>Approximately 10,45,812 MT of waste has been processed. Due to the monsoon, remediation work was halted for three months. However, the remaining 22,98,660 MT will be remediated according to the timeline outlined in Annexure 1.</p> <p>Additionally in Gwalior Legacy Waste is 6,03,089 MT collectively which is being remediated and will be processed by March 2025.</p>																																								
2.	At places like Indore and Bhopal, the residue/inerts are either being landfilled or capped. Landfill operation, wherever being done, has to be in accordance with MSW rules. To expedite remediation of legacy waste, the process adopted by Indore Municipal Corporation be explored with due supervision and following of CPCB Guidelines.	<p>As of March 14, 2024, the following progress has been made.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 30%;">Total Targeted ULBs</td> <td style="width: 10%;">87</td> <td style="width: 10%;"><i>ULBs</i></td> <td colspan="3"></td> </tr> <tr> <td>Amount of Waste to be Remediated</td> <td>41.07</td> <td><i>LMT</i></td> <td colspan="3"></td> </tr> <tr> <td>Area to be reclaimed</td> <td>440.26</td> <td><i>Acres</i></td> <td colspan="3"></td> </tr> <tr> <td rowspan="2">Activity for Remediated</td> <td colspan="2">Hearing 14th March 2024</td> <td colspan="2">Progress 13th Sept 2024</td> <td rowspan="2">% Improvement</td> </tr> <tr> <td>ULBs</td> <td>% Progress</td> <td>ULBs</td> <td>% Progress</td> </tr> <tr> <td>Tender Floated/ Completed</td> <td>33</td> <td>38%</td> <td>87</td> <td>100%</td> <td>63%</td> </tr> <tr> <td>Work Awarded/ Started</td> <td>33</td> <td>38%</td> <td>54</td> <td>63%</td> <td>25%</td> </tr> </table>	Total Targeted ULBs	87	<i>ULBs</i>				Amount of Waste to be Remediated	41.07	<i>LMT</i>				Area to be reclaimed	440.26	<i>Acres</i>				Activity for Remediated	Hearing 14 th March 2024		Progress 13th Sept 2024		% Improvement	ULBs	% Progress	ULBs	% Progress	Tender Floated/ Completed	33	38%	87	100%	63%	Work Awarded/ Started	33	38%	54	63%	25%
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		Amount of Waste Remediated (lakh MT)	6	15%	13.47	31.27%	20%
		Area to be reclaimed (in Acre)	31.05	7%	87	20%	13%
		<p>Strategy for Legacy Waste Dumpsite Remediation for ULBs in the State of Madhya Pradesh</p> <ol style="list-style-type: none"> 1. Technology Selection <ul style="list-style-type: none"> • After studying successful models implemented in Indore, Bhopal, and other states. State selected model as approved by officials i.e bioremediation, biomining, and disposal of residual waste with land reclamation as the preferred model. 2. Expediting Remediation <ul style="list-style-type: none"> • Approved funding of Rs 226.63 Crores for project. • DPR Preparation: Appointed consultants to prepare DPRs for all 87 ULBs. • Model Tender Document: Provide a model tender document from the State to expedite the tendering process in all 87 ULBs. 3. Capacity Building <ul style="list-style-type: none"> • Enhance the capacity of local authorities and waste management agencies through training and workshops. 4. Supervision, Monitoring and Evaluation 					

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		<ul style="list-style-type: none"> Conducted regular field visits with AE, JE, SE, and UADD officials to monitor the progress of legacy waste dumpsite remediation. <p>5. Remediation works are implemented in strict accordance with the comprehensive guidelines outlined by the Central Pollution Control Board (CPCB), ensuring effective and environmentally responsible mitigation of the contaminated site.</p> <p>By implementing these strategies, 87 ULBs have started expediting the remediation of legacy waste and improve the overall environmental health of their cities.</p>
3.	There is no disclosure of management of good earth, inerts and other components arising out of bio-mining, which needs to be properly disclosed in quantifiable terms.	<p>Remediation Process:</p>  <pre> graph TD A[Legacy waste] --> B[Formed in to Windrows] B --> C[Spraying Inoculum Solution] C --> D[Turning & Stabilization] D --> E[Screening & Mechanical sorting of waste] E --> F[Organic Compost] E --> G[Combustible] E --> H["Inert (Glass & stone) & Other residual waste"] F --> I["Used as manure for Parks and Garden 35-40%"] G --> J["To Cement Factories 10-15%"] H --> K["Low Lying Areas 40-45%"] </pre>

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		Below table represent quantification of fractions derived from remediation of legacy waste and its utilization/disposal.																	
		<table border="1"> <thead> <tr> <th data-bbox="953 386 1239 451">Fraction of legacy waste</th> <th data-bbox="1251 386 1465 451">% of total legacy waste</th> <th data-bbox="1478 386 1948 451">Utilization/disposal of legacy waste</th> </tr> </thead> <tbody> <tr> <td data-bbox="953 451 1251 724">Bio-soil (Good Earth)</td> <td data-bbox="1251 451 1465 724">35-40%</td> <td data-bbox="1478 451 1948 724">The bio-soil generated during bio-mining is utilized for conditioning degraded soil, improving soil structure, and enhancing fertility. This bio-soil is incorporated into gardens, parks, and urban green areas, promoting sustainable environmental restoration.</td> </tr> <tr> <td data-bbox="953 724 1251 919">Inerts like C&D debris, etc.</td> <td data-bbox="1251 724 1465 919">35-40%</td> <td data-bbox="1478 724 1948 919">Inerts include materials such as construction and demolition debris, stones, and ash, which is Used for filling low-lying areas, following engineering practices</td> </tr> <tr> <td data-bbox="953 919 1251 995">Recyclables & RDF</td> <td data-bbox="1251 919 1465 995">10-15%</td> <td data-bbox="1478 919 1948 995">Segregated and sent for recycling to authorized facilities</td> </tr> <tr> <td data-bbox="953 995 1251 1071">Other Residual Waste</td> <td data-bbox="1251 995 1465 1071">7%</td> <td data-bbox="1478 995 1948 1071">Used in filling low-lying areas to increase ground level.</td> </tr> </tbody> </table>	Fraction of legacy waste	% of total legacy waste	Utilization/disposal of legacy waste	Bio-soil (Good Earth)	35-40%	The bio-soil generated during bio-mining is utilized for conditioning degraded soil, improving soil structure, and enhancing fertility. This bio-soil is incorporated into gardens, parks, and urban green areas, promoting sustainable environmental restoration.	Inerts like C&D debris, etc.	35-40%	Inerts include materials such as construction and demolition debris, stones, and ash, which is Used for filling low-lying areas, following engineering practices	Recyclables & RDF	10-15%	Segregated and sent for recycling to authorized facilities	Other Residual Waste	7%	Used in filling low-lying areas to increase ground level.		
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4.	With regard to waste processing, out of total waste generation of 6671.5 TPD from 413 urban local bodies (ULBs), waste processing facilities are existing for 6608.79 TPD. Facilities to process wet waste exists for 3376 TPD, 700 TPD for energy generation and 3785 TPD for C&D waste.	<p>Sample testing and performance, including the quantities of materials managed and disposed of. reports are attached in Annexure-2</p> <ul style="list-style-type: none"> ➤ Out of total waste generation of 6798.44 TPD from 413 urban local bodies (ULBs), waste processing facilities are existing for 6723.16 TPD. ➤ Plant wise capacities list is attached in annexture 3 summary as below – 																	
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	Processing is also being done by 360 Material Recovery Facilities (MRFs) with capacity of 3878 TPD for composting and other kind of processing for which quantitative figures are not disclosed	MRF	405	3878
		Compost & CBG	405	3376
		Waste to Energy (3 Plants)	45 (Two Clusters of 28+16 ULBs, 1 Standalone)	1050
		C&D	405	3785
5.	Status of solid waste management presented for 16 MCs reflects that there is zero gap of waste processing but, individually the kind of waste processing facilities set up and extent of their utilisation is not given. Further detail of utilisation of compost including its quality and management of other rejects is also not disclosed. In case of dump site status, it is not disclosed as to how much legacy waste is to be remediated particularly at Ratlam, Rewa, Sagar, Satna, Singrauli and Ujjain. No timeline is given for completion.	➤ The status report on solid waste management for 16 Municipal Corporations is attached in Annexure 4 . This report includes information on MRF, composting, CBG plants, C&D waste, and legacy waste processing status.		
6.	With respect to district wise status, gap in waste processing exists in 9 districts. Town wise status for each district is not disclosed. Also, the details of legacy waste existing at district and town level is necessary to ensure that these towns provide waste processing for day to day waste generated to avoid legacy waste generation.	➤ Town Wise status for each district is attached in Annexure 5		
7.	In case of waste to energy plant set up at Jabalpur to generate 11.5 MW of Power, on raising the query about nature of waste being fed, no satisfactory answer has been given. It appears that, power is being generated with co mingled waste rather than using segregated high calorific waste. This needs to be clarified in the next report.	➤ The Jabalpur Waste-to-Energy (WTE) plant was commissioned in 2016 and operates on a mass incineration model for mixed waste. At the time of commissioning, the plant was established to incinerate unsegregated municipal solid waste as the predominant method of waste disposal. This approach, while effective for managing mixed waste, also contributes to the management of by-products. The detailed technology of the plant is attached in Annexure 6 .		

Sl. No.	Agenda Points	Compliance Status
[B] Sewage Management		
➤ 1	➤ There exist a gap of 1359.36 MLD in sewage treatment. Against the 2183.7 MLD of sewage generation, 64 Sewage treatment plants (STPs) with 1436.59 MLD treatment capacity have been provided but, actually utilized capacity is 824.34 MLD indicating poor household connectivity.	<ul style="list-style-type: none"> ➤ Updated progress of Sewerage- ➤ Total sewerage generation is 2183.7 MLD in Madhya Pradesh. ➤ Existing treatment capacity of 68 STPs is 1472.79 MLD (Currently 36.2 MLD increased with add of 4 new STP). Details in Annexure-7. ➤ Utilization of existing capacity is 876.82 (52.48 MLD capacity increased) ➤ Gap in treatment is 1306.88 MLD (Decreased 52.48 MLD) ➤ Total House connections conducted 1029653 Numbers in different sewerage schemes in State. (37055HSC has been Increased) ➤ GAP of Sewage treatment due to not interesting of house hold owners and technical hinders
➤ 2	➤ Performance of STPs, particularly their compliance with the standards directed by the Tribunal in order dated 30.4.2019 in OA 1069/2018 needs to be disclosed. Next report should include the performance results.	➤ Total 68 STPs are operational. Out of these, SBR based 46 STPs (1157.95 MLD) were constructed and performing standard norms. Other technologies based 22 STPs (314.84 MLD) designed as per MoEE&FC notification 2017. Details is enclosed in Annexure-7.
➤ 3	➤ With regard to filling up of gap in sewage treatment, 44 STPs are under construction with the capacity to treat 362.86 MLD of sewage for which outer time limit is shown to be December, 2027 but still, there will be a gap of 384.25 MLD which as per disclosure will be catered through 433 STPs with 2157.32 MLD capacity which will become effective after two years from date of extension, extending till December 2028 and this is clear in violation of Water Act, 1974.	<ul style="list-style-type: none"> ➤ Out of total sewerage generated, State has created 1472.79 MLD treatment capacity. Remaining 710.91 MLD capacity gap will be fulfilled in under construction and sanctioned projects in AMRUT 2.0, SBM 2.0, NMCG schemes projects. ➤ Details of under constructions and sanctioned projects are enclosed in Annexure 8

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➤ 4	➤ The next report should indicate status of sewage management indicating town wise generation, treatment, utilization, Performance of STPS and the gap with squeezed timelines.	➤ Status of report is enclosed in Annexure-9

Annexure 1

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- List of Legacy Waste Dumpsite remediation Projects out of 86 Legacy Waste Dumpsite Remediation Projects 53 ULBs issued Work order and Remediation work started, The attached list provides a comprehensive overview of these legacy waste dumpsites, including their projected timelines for complete processing is given below:

Sr. No.	Division	District	ULB Name	Legacy waste Quantity (Per MT)	Current Status	Timeline for Complete Processing
1	Jabalpur	Balaghat	Waraseoni	8342	Work Started	Nov-24
2	Narmadapuram	Harda	Harda	14678	Work Started	Nov-24
3	Sagar	Chhatarpur	Khajurao	8624	Work Started	Nov-24
4	Bhopal	Bhopal	Berasia	24111	Work Started	Nov-24
5	Gwalior	Ashoknagar	Ashoknagar	95096	Work Started	Nov-24
6	Gwalior	Ashoknagar	Chanderi	27314	Work Started	Nov-24
7	Sagar	Tikamgarh	Jatara	10358	Work Started	Nov-24
8	Bhopal	Rajgarh	Rajgarh_R	12757	Work Started	Nov-24
9	Chambal	Morena	Bamore	28102	Work Started	Nov-24
10	Gwalior	Guna	Radhogarh	32445	Work Started	Nov-24
11	Indore	Dhar	Dhar	155065	Work Started	Nov-24
12	Chambal	Morena	Kailaras	12160	Work Started	Nov-24
13	Bhopal	Raisen	Mandideep	83617	Work Started	Nov-24
14	Narmadapuram	Betul	Multai	16405	Work Started	Nov-24
15	Rewa	Shahdol	Beohari	11492	Work Started	Nov-24
16	Ujjain	Dewas	Dewas	90183	Work Started	Jan-25
17	Ujjain	Dewas	Khategaon	24889	Work Started	Jan-25
18	Jabalpur	Mandla	Mandla	60901	Work Started	Jan-25
19	Jabalpur	Mandla	Nainpur	17440	Work Started	Jan-25
20	Ujjain	Neemuch	Neemuch	26462	Work Started	Jan-25
21	Ujjain	Ujjain	Mahidpur	20536	Work Started	Jan-25
22	Indore	Khargaon	Barwaha	54268	Work Started	Jan-25
23	Indore	Khargaon	Mandleshwar	13630	Work Started	Jan-25
24	Ujjain	Ratlam	Ratlam	316689	Work Started	Jan-25
25	Indore	Khandwa	Khandwa	126999	Work Started	Jan-25
26	Sagar	Damoh	Hatta	6799	Work Started	Jan-25
27	Ujjain	Shajapur	Shajapur	28378	Work Started	Jan-25
28	Bhopal	Raisen	Bareli	16436	Work Started	Jan-25
29	Indore	Khargaon	Maheshwar	42680	Work Started	Jan-25
30	Indore	Alirajpur	Alirajpur	24858	Work Started	Jan-25
31	Narmadapuram	Narmadapuram	Seoni Malwa	21207	Work Started	Mar-25
32	Indore	Barwani	Badwani	37141	Work Started	Mar-25
33	Indore	Jhabua	Thandla	20583	Work Started	Mar-25

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Sr. No.	Division	District	ULB Name	Legacy waste Quantity (Per MT)	Current Status	Timeline for Complete Processing
34	Indore	Alirajpur	Bhavra	11091	Work Started	Mar-25
35	Ujjain	Mandsaur	Shyamgarh	16137	Work Started	Mar-25
36	Indore	Alirajpur	Jobat	18304	Work Started	Mar-25
37	Indore	Jhabua	Jhabua	63283	Work Started	Mar-25
38	Jabalpur	Chhindwara	Pandhurna	45739	Work Started	Mar-25
39	Bhopal	Sehore	Nasrullaganj	12636	Work Started	Mar-25
40	Bhopal	Vidisha	Vidisha	181179	Work Started	Mar-25
41	Chambal	Morena	Ambah	14219	Work Started	Mar-25
42	Chambal	Bhind	Bhind	168691	Work Started	Mar-25
43	Gwalior	Ashoknagar	Mungaoli	20616	Work Started	Mar-25
44	Indore	Barwani	Rajpur_M	27476	Work Started	Mar-25
45	Indore	Dhar	Kukshi	43830	Work Started	Mar-25
46	Indore	Dhar	Manavar	59292	Work Started	Mar-25
47	Jabalpur	Balaghat	Balaghat	65761	Work Started	Mar-25
48	Jabalpur	Dindori	Shahpura_D	3809	Work Started	Mar-25
49	Narmadapuram	Narmadapuram	Itarsi	31438	Work Started	Mar-25
50	Narmadapuram	Betul	Betul	133958	Work Started	Mar-25
51	Narmadapuram	Narmadapuram	Narmadapuram	62296	Work Started	Mar-25
52	Ujjain	Agar Malwa	Agar	12277	Work Started	Mar-25
53	Ujjain	Ratlam	Jawara	21222	Work Started	Mar-25
54	Gwalior	Gwalior	Gwalior	603089		
55	Bhopal	Rajgarh	Biaora	18949	Financial approval pending (JD)	May-25
56	Chambal	Sheopur	Sheopur	28023	Financial approval pending (JD)	May-25
57	Bhopal	Rajgarh	Narsinghgarh	13921	Financial Evaluation Pending	May-25
58	Indore	Burhanpur	Nepanagar	44249	Financial Evaluation Pending	May-25
59	Indore	Jhabua	Ranapur	36988	Financial Evaluation Pending	May-25
60	Indore	Khargaon	Sanawad	25739	Financial Evaluation Pending	May-25
61	Narmadapuram	Narmadapuram	Sohagpur	11730	Financial Evaluation Pending	May-25
62	Sagar	Damoh	Damoh	9289	Financial Evaluation Pending	May-25

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Sr. No.	Division	District	ULB Name	Legacy waste Quantity (Per MT)	Current Status	Timeline for Complete Processing
63	Ujjain	Ratlam	Alot	11184	Financial Evaluation Pending	45839
64	Sagar	Tikamgarh	Tikamgarh	85606	Financial Evaluation Pending	May-25
65	Bhopal	Rajgarh	Pachore	4407	Received at State SLTC Pending	May-25
66	Chambal	Morena	Jaura	17291	Received at State SLTC Pending	May-25
67	Chambal	Morena	Sabalgarh	10790	Received at State SLTC Pending	May-25
68	Gwalior	Shivpuri	Shivpuri	71328	Received at State SLTC Pending	May-25
69	Indore	Dhar	Pithampur	35716	Received at State SLTC Pending	May-25
70	Indore	Indore	Mhowgaon	20383	Received at State SLTC Pending	May-25
71	Indore	Jhabua	Petlawad	31489	Received at State SLTC Pending	May-25
72	Indore	Khandwa	Chhanera	24172	Received at State SLTC Pending	May-25
73	Indore	Khargaon	Bhikangaon	35332	Received at State SLTC Pending	May-25
74	Indore	Indore	Betma	28913	Received at State SLTC Pending	May-25
75	Indore	Khargaon	Kasrawad	17641	Received at State SLTC Pending	May-25
76	Jabalpur	Chhindwara	Junnardeo	8645	Received at State SLTC Pending	May-25
77	Narmadapuram	Narmadapuram	Pipariya_M	4379	Received at State SLTC Pending	May-25
78	Narmadapuram	Harda	Timarni	4692	Received at State SLTC Pending	May-25
79	Rewa	Satna	Nagod	42021	Received at State SLTC Pending	May-25

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Sr. No.	Division	District	ULB Name	Legacy waste Quantity (Per MT)	Current Status	Timeline for Complete Processing
80	Sagar	Tikamgarh	Badagaon_T	1958	Receved at State SLTC Pending	May-25
81	Jabalpur	Seoni	Seoni_M	157664	Technical Pending	Jul-25
82	Rewa	Anuppur	Anuppur	32143	Technical Pending	Jul-25
83	Rewa	Shahdol	Shahdol	36883	Tender is live	Jul-25
84	Sagar	Chhatarpur	Bijawar	1430	Tender is live	Jul-25
85	Bhopal	Rajgarh	Sarangpur	6254	Tender is live	Jul-25
86	Chambal	Bhind	Gohad	12892	Tender is live	Jul-25
87	Sagar	Chhatarpur	Chhatarpur	116232	Tender is live	Jul-25

Annexure 2

➤ For Ashoknagar

Ecostan Infra Pvt Ltd						
Quantity of wastes remediated (in tones)Appx. In Nagar Palika Parishad Ashoknagar						
Date	Quantity of Legacy waste processed [MT/day]	Total Waste Processed - Cumulative (MT/Day)	RDF Generated (MT/day)	Bio-Soil Generated (MT/Day)	C&D Waste Generated (MT/Day)	Area Clear in (SQM)
21-Feb-24	196.75	196.75	11.81	155.43	29.51	
22-Feb-24	361.02	361.02	21.66	285.21	54.15	
23-Feb-24	868.27	868.27	52.10	685.93	130.24	
24-Feb-24	960.65	960.65	57.64	758.91	144.10	
Total	2386.69	2386.69	143.2014	1885.4851	358.0035	3600
25-Feb-24	711.66	711.66	42.70	562.21	106.75	
26-Feb-24	1023.65	1023.65	61.42	808.68	153.55	
27-Feb-24	1535.8	1535.80	92.15	1213.28	230.37	
28-Feb-24	1523.41	1523.41	91.40	1203.49	228.51	
29-Feb-24	1536.81	1536.81	92.21	1214.08	230.52	
1-Mar-24	1538.9	1538.90	92.33	1215.73	230.84	
2-Mar-24	1537.72	1537.72	92.26	1214.80	230.66	
3-Mar-24	1549.975	1549.98	93.00	1224.48	232.50	
4-Mar-24	1509.14	1509.14	90.55	1192.22	226.37	
5-Mar-24	1579.78	1579.78	94.79	1248.03	236.97	
6-Mar-24	1555.2	1555.20	93.31	1228.61	233.28	
7-Mar-24	1543.96	1543.96	92.64	1219.73	231.59	
8-Mar-24	1537	1537.00	92.22	1214.23	230.55	
9-Mar-24	1569.33	1569.33	94.16	1239.77	235.40	
10-Mar-24	1597.33	1597.33	95.84	1261.89	239.60	
Total	21849.665	21849.665	1310.9799	17261.23535	3277.44975	8500
11-Mar-24	1579.29	1579.29	94.76	1247.64	236.89	
12-Mar-24	1178.81	1178.81	70.73	931.26	176.82	
13-Mar-24	159.56	159.56	9.57	126.05	23.93	
14-Mar-24	807.42	807.42	48.45	637.86	121.11	
15-Mar-24	697.91	697.91	41.87	551.35	104.69	
16-Mar-24	1211.49	1211.49	72.69	957.08	181.72	
17-Mar-24	1489.28	1489.28	89.36	1176.53	223.39	
18-Mar-24	1531.68	1531.68	91.90	1210.03	229.75	
19-Mar-24	1538.42	1538.42	92.31	1215.35	230.76	
20-Mar-24	1479.23	1479.23	88.75	1168.59	221.88	
21-Mar-24	1486.33	1486.33	89.18	1174.20	222.95	
22-Mar-24	1569.89	1569.89	94.19	1240.21	235.48	
23-Mar-24	1507.39	1507.39	90.44	1190.84	226.11	
24-Mar-24	1564.88	1564.88	93.89	1236.26	234.73	
25-Mar-24	458.84	458.84	27.53	362.48	68.83	
Total	18260.42	18260.42	1095.6252	14425.7318	2739.063	6200
26-Mar-24	1091.15	1091.15	65.47	862.01	163.67	
27-Mar-24	1426.37	1426.37	85.58	1126.83	213.96	
28-Mar-24	1521.52	1521.52	91.29	1202.00	228.23	



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29-Mar-24	1564.43	1564.43	93.87	1235.90	234.66	
30-Mar-24	1565.03	1565.03	93.90	1236.37	234.75	
31-Mar-24	1573.32	1573.32	94.40	1242.92	236.00	
1-Apr-24	1544.47	1544.47	92.67	1220.13	231.67	
2-Apr-24	1546.06	1546.06	92.76	1221.39	231.91	
3-Apr-24	1522.8	1522.80	91.37	1203.01	228.42	
4-Apr-24	1539.39	1539.39	92.36	1216.12	230.91	
5-Apr-24	1519.6	1519.60	91.18	1200.48	227.94	
6-Apr-24	1432.5	1432.50	85.95	1131.68	214.88	
Total	17846.64	17846.64	1070.80	14098.85	2677.00	6525.67

Total Quantity up to 6/4/24	60343.42	60343.42	3620.60	47671.30	9051.51	24825.67
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➤ For Mandideep:

Ecoston Infra Pvt Ltd						
Total Waste (MT) Target for the Month of Dec-Jan- (MT) Minimum waste to be cleared per day to achieve the target (MT/day) Nagar Palika Parishad Mandideep						
Sr.No.	Date	Quantity of Legacy waste processed (MT/Day)	RDF (MT/DAY)	Bio-Soil (MT)	C&D Waste Generated (MT)	Reclaim Land (SQM)
1	05-Dec-23	67.585	4.731	54.068	8.786	
2	06-Dec-23	508.445	35.591	406.756	66.098	
3	07-Dec-23	594.515	41.616	475.612	77.287	
4	08-Dec-23	558.225	39.076	446.580	72.569	
5	09-Dec-23	604.645	42.325	483.716	78.604	
6	10-Dec-23	557.160	39.001	445.728	72.431	
7	11-Dec-23	479.200	33.544	383.350	62.296	
8	12-Dec-23	723.895	50.673	579.116	94.106	
9	13-Dec-23	633.975	44.378	507.180	82.417	
	Total	4727.845	330.935	3782.116	614.394	6500
10	14-Dec-23	443.515	31.046	354.812	57.657	
11	15-Dec-23	526.360	36.845	421.088	68.427	
12	16-Dec-23	714.550	49.984	571.240	92.827	
13	17-Dec-23	1099.785	76.985	879.828	142.972	
14	18-Dec-23	640.445	44.831	512.356	83.256	
15	19-Dec-23	1031.460	72.201	825.152	134.087	
16	20-Dec-23	965.425	67.552	772.020	125.453	
17	21-Dec-23	1516.355	106.145	1213.084	197.126	
18	22-Dec-23	1653.315	115.732	1322.652	214.931	
19	23-Dec-23	2258.840	158.119	1807.872	293.649	
	Total	10848.130	758.439	8679.304	1410.387	7000
20	24-Dec-23	2121.785	146.525	1697.428	275.832	
21	25-Dec-23	1193.620	83.553	954.896	155.171	
22	26-Dec-23	1322.730	92.591	1058.184	171.955	
23	27-Dec-23	2059.910	144.194	1647.928	267.788	
24	28-Dec-23	2484.415	173.909	1987.532	322.974	
25	29-Dec-23	2366.240	165.637	1892.992	307.611	
26	30-Dec-23	1821.745	127.522	1457.396	236.827	
27	31-Dec-23	1642.750	114.993	1314.200	213.558	
28	01-Jan-24	2106.885	147.482	1685.508	273.895	
29	02-Jan-24	1540.295	107.821	1232.236	200.238	
30	03-Jan-24	2468.065	172.765	1974.452	320.848	
31	04-Jan-24	2498.765	174.914	1999.012	324.839	
32	05-Jan-24	2489.710	174.280	1991.768	323.662	
33	06-Jan-24	2539.415	177.759	2031.532	330.124	
	Total	28656.930	2005.943	22925.064	3725.925	8000
34	07-Jan-24	2438.650	170.766	1950.920	317.025	
35	08-Jan-24	2306.375	161.446	1865.100	299.829	
36	09-Jan-24	2038.115	142.668	1630.492	264.855	
37	10-Jan-24	2101.335	147.093	1681.068	273.174	
38	11-Jan-24	2093.330	146.533	1674.654	272.133	
39	12-Jan-24	2076.825	145.322	1660.820	269.883	
40	13-Jan-24	2315.910	162.051	1852.008	300.951	
41	14-Jan-24	1864.400	130.508	1491.520	242.372	
42	15-Jan-24	1571.900	110.033	1257.520	204.347	
43	16-Jan-24	2613.230	182.926	2090.584	339.720	
44	17-Jan-24	2169.735	151.881	1735.788	282.666	
45	18-Jan-24	2185.510	152.986	1748.408	284.116	
46	19-Jan-24	2076.845	145.379	1661.476	269.990	
47	20-Jan-24	1613.865	112.971	1291.092	209.802	
	Total	29464.925	2082.503	23571.460	3830.362	10000
48	21-Jan-24	1537.115	107.598	1229.692	199.823	
49	22-Jan-24	2033.215	142.325	1626.572	264.318	
50	23-Jan-24	2215.470	155.083	1772.376	288.011	
51	24-Jan-24	2130.360	149.125	1704.288	276.947	
52	25-Jan-24	2369.795	165.886	1895.836	308.073	
53	26-Jan-24	699.325	48.953	559.690	90.912	
54	27-Jan-24	158.020	11.061	126.416	20.543	
55	28-Jan-24	380.525	26.637	304.420	49.468	
56	29-Jan-24	376.380	26.347	301.104	48.919	
57	30-Jan-24	657.170	46.002	525.736	85.432	
	Total	12557.375	879.016	10045.900	1632.459	14482.867

Total Waste	Quantity of Legacy waste processed (MT/Day)	RDF (MT/DAY)	Bio-Soil (MT)	C&D Waste Generated (MT)	Reclaim Land (SQM)
	88254.805	6037.836	69003.844	11213.125	45862.867



Annexure-3

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➤ The waste in 413 ULBs is 6798.44 TPD generated and 6723.16 TPD is processed per day as given below:

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
1	AGAR	802237	10.32	10.32	0.00
2	BADAGAON_A	802235	0.81	0.81	0.00
3	BARODE	802236	4.19	4.19	0.00
4	KANAD	802238	1	1	0.00
5	NALKHEDA	802234	0.19	0	0.19
6	SOYATKALAN	802232	3.7	3.7	0.00
7	SUSNER	802233	3.68	3.68	0.00
8	ALIRAJPUR	802433	8.19	8.19	0.00
9	BHAVRA	802431	4.82	4.22	0.00
10	JOBAT	802432	1.94	0	1.92
11	AMARKANTAK	802421	1.61	1.61	0.00
12	ANUPPUR	802419	3.26	3.26	0.00
13	BANGAWAN (RAJNAGAR)	900691	4.84	4.84	0.00
14	BIJURI	802416	2.65	2.65	0.00
15	DOLA	900692	0.65	0.65	0.00
16	DUMARKACHAR	900693	1.29	1.29	0.00
17	JAITHARI	802420	1.94	1.94	0.00
18	KOTMA	802417	1.77	1.77	0.00
19	PASAN	802418	5	5	0.00
20	Bargawan (Amlai)	NA	7.8	2	2.79
21	ASHOKNAGAR	802408	15	15	0.00
22	CHANDERI	802407	3.39	3.39	0.00
23	ESAGARH	802406	5.26	5.26	0.00
24	MUNGAOLI	802409	7.2	7.2	0.00
25	PIPARAI	900682	3.6	3.6	0.00
26	SHADORA	900156	4.45	4.45	0.00
27	BAIHAR	802398	1.61	1.61	0.00
28	BALAGHAT	802397	30.68	30.68	0.00
29	KATANGI_B	802395	1.94	1.94	0.00
30	LANGI	802400	1.87	1.87	0.00
31	MALAJKHAND	802399	9.68	9.68	0.00
32	WARASEONI	802396	4.78	4.78	0.00
33	ANJAD	802286	3.32	3.32	0.00
34	BADWANI	802285	25.85	25.85	0.00
35	KHETIA	802290	3.4	3.4	0.00
36	NIWALI BURJURG	900677	3.55	3.55	0.00
37	PALSOOD	802288	3.06	3.06	0.00
38	PANSEMAL	802289	2.84	2.84	0.00
39	RAJPUR_M	802287	6.81	6.81	0.00
40	SENDHWA	802291	19.39	19.39	0.00
41	THIKARI	900678	3.26	3.26	0.00
42	AMLA	802340	10.06	10.06	0.00
43	ATHNER	802334	1.87	1.87	0.00
44	BETUL	802335	36.19	36.19	0.00
45	BETUL BAZAAR	802336	4.23	4.23	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
46	BHAINSDEHI	802333	2.29	2.29	0.00
47	CHICHOLI	802337	1.21	1.21	0.00
48	GHODADOGRI	900702	1.74		1.74
49	MULTAI	802339	5.42	4.84	0.54
50	SARNI	802338	29.1	29.1	0.00
51	SHAHPUR	900703	2.48	2.48	0.00
52	AKODA	802091	3.48	3.48	0.00
53	ALAMPUR	802098	5.16	5.16	0.00
54	BHIND	802090	67.35	67.35	0.00
55	DABOH	802099	5.81	5.81	0.00
56	GOHAD	802094	8.39	8.39	0.00
57	GORMI	802093	7.06	7.06	0.00
58	LAHAR	802097	11.13	11.13	0.00
59	MALANPUR	900680	4.97	4.97	0.00
60	MAU	802095	6.87	6.87	0.00
61	MEHGAON	802092	6.71	6.71	0.00
62	MIHONA	802096	5.87	5.87	0.00
63	PHUPHKALAN	802089	3.35	3.35	0.00
64	RAUN	900681	3.1	3.1	0.00
65	BERASIA	802311	3.13	3.1	0.00
66	BHOPAL	802312	818.8	818.8	0.00
67	BURHANPUR	802439	60.63	60.63	0.00
68	NEPANAGAR	802441	0.21	0.21	0.00
69	SHAHPUR_B	802440	2.97	2.97	0.00
70	BADALMALHERA	802142	5.45	5.45	0.00
71	BIJAWAR	802145	6.55	6.29	0.00
72	BUXWAHA	802146	2.36	2.36	0.00
73	CHANDALA	802134	1.68	1.68	0.00
74	CHHATARPUR	802139	32	32	0.00
75	GADIMALHARA	802137	3.94	3.94	0.00
76	GHUWARA	802143	4.04	4.04	0.00
77	HARPALPUR	802135	5.23	5.23	0.00
78	KHAJURAO	802141	9.55	9.55	0.00
79	LAVKUSH NAGAR	802133	4.71	4.71	0.00
80	MAHARAJPUR	802138	5.14	5.14	0.00
81	NOGAON	802136	9.2	9.2	0.00
82	RAJNAGAR	802140	3.13	3.13	0.00
83	SATAI	802144	4.19	4.19	0.00
84	WARIGARH	802132	2.85	2.85	0.00
85	AMARWARA	802377	4.56	4.56	0.00
86	BADKUHI	802385	2.66	2.66	0.00
87	BICHHUUA	900160	2.08	2.08	0.00
88	CHAND	900161	2.45	2.45	0.00
89	CHANDAMETA BUTARIA	802384	4.21	4.21	0.00
90	CHHINDWARA	802386	64.13	64.13	0.00
91	CHORAI	802379	1.48	1.48	0.00
92	DAMUA	802381	9.1	9.1	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
93	DONGAR PARASIYA	802383	10.23	10.23	0.00
94	HARRAI	802378	2.55	2.55	0.00
95	JUNNARDEO	802380	5.26	5.26	0.00
96	LODHIKHEDA	802389	3.55	3.55	0.00
97	MOHGAON	802388	3.25	3.25	0.00
98	NEWTONCHIKHLI	802382	2.11	2.11	0.00
99	PANDHURNA	802391	13.55	13.55	0.00
100	PIPLANARAYANWAR	802390	2.24	2.24	0.00
101	SAUSAR	802387	4.84	4.84	0.00
102	DAMOH	802167	26	26	0.00
103	HATTA	802164	6.41	6.41	0.00
104	HINDORIYA	802166	2.78	2.78	0.00
105	PATERA	900165	5.87	5.87	0.00
106	PATHARIYA	802165	7.61	7.61	0.00
107	TENDUKHEDA_D	802168	4.03	4.03	0.00
108	BADONI	802110	3.42	3.42	0.00
109	BHANDER	802111	9.87	9.87	0.00
110	DATIA	802109	39.39	39.39	0.00
111	INDERGARH_MP	802108	9.61	9.61	0.00
112	SEONDHA	802107	10	10	0.00
113	BAGLI	802254	2.9	2.9	0.00
114	BHAURASA	802245	2.26	2.22	0.00
115	DEWAS	802248	109.35	109.35	0.00
116	HATPIPLIYA	802255	4.11	4.11	0.00
117	KANNOD	802249	3.89	3.89	0.00
118	KANTHAPHOD	802251	1.42	1.42	0.00
119	KARNAWAD	802253	2.9	2.9	0.00
120	KHATEGAON	802256	3.97	3.97	0.00
121	LOHARDA	802250	2.6	2.6	0.00
122	NEEMAWAR	900166	1.84	1.84	0.00
123	PIPALRAWAN	802247	2.61	2.56	0.00
124	SATWAS	802252	3.7	3.7	0.00
125	SONKATCH	802246	3.12	3.09	0.00
126	TONKHURD	802244	2.4	2.38	0.00
127	BADNAWAR	802257	5.21	5.21	0.00
128	DAHI	802264	2.31	2.31	0.00
129	DHAMNOD_D	802266	4.35	4.35	0.00
130	DHAR	802260	33.55	33.55	0.00
131	DHARAMPURI	802267	5.31	5.31	0.00
132	KUKSHI	802263	7.7	7.7	0.00
133	MANAVAR	802265	9.52	9.52	0.00
134	MANDAV	802262	2.99	2.99	0.00
135	PITHAMPUR	802261	40.97	40.97	0.00
136	RAJGARH_D	802258	7.19	7.19	0.00
137	SARDARPUR	802259	2.74	2.74	0.00
138	DINDORI_D	802371	4.26	4.26	0.00
139	SHAHPURA_D	802370	2.51	2.51	0.00
140	ARON	802404	2.28	2.28	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
141	CHACHODABINAGANJ	802405	5.73	5.73	0.00
142	GUNA	802401	58.06	58.06	0.00
143	KUMBHRAJ	802403	7.13	7.13	0.00
144	MADHUSUDANGARH	900683	2.26	2.26	0.00
145	RADHOGARH	802402	10.68	10.68	0.00
146	ANTRI	802106	4.03	4.03	0.00
147	BILAUA	802102	3.9	3.9	0.00
148	BITARWAR	802105	6.13	6.13	0.00
149	DABRA	802104	26.28	26.28	0.00
150	GWALIOR	802100	484.37	484.37	0.00
151	MOHNA	900684	3.61	3.61	0.00
152	PICHHORE	802103	5.32	5.32	0.00
153	HARDA	802342	23.23	23.23	0.00
154	KHIRKIYA	802341	4.52	4.52	0.00
155	SIRALI	900704	4.11	4.11	0.00
156	TIMARNI	802343	3.03	3.03	0.00
157	BABAI	802347	3.65	3.65	0.00
158	HOSHANGABAD	802346	23.55	23.55	0.00
159	ITARSI	802345	19.77	19.77	0.00
160	PIPARIYA_M	802349	3.16	3.16	0.00
161	SEONI MALWA	802344	4.77	4.77	0.00
162	SOHAGPUR	802348	3.88	3.88	0.00
163	VANKHEDI	900171	2.97	2.97	0.00
164	BETMA	802270	4.2	4.2	0.00
165	DEPALPUR	802269	9.68	9.68	0.00
166	GAUTAMPURA	802268	5.03	5.03	0.00
167	HATHOD	802271	2.9	2.89	0.00
168	INDORE	802273	979	979	0.00
169	MANPUR	802277	3.02	3.02	0.00
170	MHOWGAON	802276	7.35	7.35	0.00
171	RAU	802274	13.29	13.29	0.00
172	SANWER	802272	3.39	3.39	0.00
173	BERALA_M	802363	4.37	4.37	0.00
174	BHEDAGHAT	802362	2	2	0.00
175	JABALPUR	802361	519.74	519.74	0.00
176	KATANGI_J	802357	5.21	5.21	0.00
177	MANJHOLI_J	802356	3.55	1.87	0.00
178	PANAGAR	802364	15.48	7.04	0.01
179	PATAN_MP	802358	4.67	3.33	0.00
180	SHAHPUR BHITONI	802359	3.68	3.68	0.00
181	SIHORA	802355	15	15	0.00
182	JHABUA	802429	8.48	8.48	0.00
183	MEGHNAGAR	900157	4.35	4.35	0.00
184	PETLAWAD	802428	5.29	5.29	0.00
185	RANAPUR	802430	3.61	3.61	0.00
186	THANDLA	802427	3.71	3.71	0.00
187	CHHANERA	802434	4.04	4.03	0.00
188	KHANDWA	802435	43.39	43.39	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
189	MUNDI	802437	7.1	7.1	0.00
190	OMKARESHWAR	802436	3.57	3.56	0.00
191	PANDHANA	802438	3.84	3.84	0.00
192	Punasa	NA	3.92	0.	1.20
193	BARWAHA	802278	7.82	7.82	0.00
194	BHIKANGAON	802283	4.06	4.06	0.00
195	BISTAAN	900679	2.88	2.83	0.00
196	KARHI PANDLYA	900158	5.42	0.03	5.39
197	KASRAWAD	802282	6.68	6.68	0.00
198	KHARGONE	802284	38.97	38.97	0.00
199	MAHESHWAR	802280	6.74	6.74	0.00
200	MANDLESHWAR	802281	3.48	3.48	0.00
201	SANAWAD	802279	11.89	11.89	0.00
202	BAMHANI	802374	5.11	5.11	0.00
203	BHUA BHICHHIA	802375	4.87	4.87	0.00
204	MANDLA	802373	19.03	19.03	0.00
205	NAINPUR	802376	9.5	9.5	0.00
206	NIWAS	802372	2.81	2.81	0.00
207	BHAINSODA MANDI	900701	2.73	2.68	0.00
208	BHANPURA	802205	4.58	4.58	0.00
209	GAROTH	802209	1.29	1.29	0.00
210	MALHARGARH	802206	0.94	0.94	0.00
211	MANDSAUR	802211	44.98	44.98	0.00
212	NAGRI_M	802212	1.43	1.43	0.00
213	NARAYANGARH	802207	0.65	0.65	0.00
214	PIPALYA MANDI	802208	2.05	2.05	0.00
215	SHYAMGARH	802210	0.32	0.32	0.00
216	SITAMAU	802213	1.17	1.17	0.00
217	SUWASRA	802214	1.19	1.19	0.00
218	AMBAH	802081	11.29	11.29	0.00
219	BAMORE	802084	12.45	12.45	0.00
220	JAURA	802085	10.94	10.94	0.00
221	JHUNDPURA	802087	4.06	4.06	0.00
222	KAILARAS	802086	10.94	10.94	0.00
223	MORENA	802083	88.06	88.06	0.00
224	PORSA	802082	10.87	10.87	0.00
225	SABALGARH	802088	10.52	10.52	0.00
226	BARHI	802352	3.48	3.48	0.00
227	KATNI	802351	121.45	121.45	0.00
228	KYMORE	802353	3.73	3.73	0.00
229	VIJAY RADHOGARH	802354	3.44	3.44	0.00
230	CHICHLI	900163	3.03	3.03	0.00
231	GADARWARA	802366	11.5	11.5	0.00
232	GOTEGAON	802365	6.69	6.69	0.00
233	KARELI	802368	9.78	9.78	0.00
234	NARSINGHPUR	802367	12.81	12.81	0.00
235	SAINKHEDA	900159	3.19	3.19	0.00
236	SALICHOKA	900162	3.26	3.26	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
237	TENDUKHEDA_N	802369	3.19	3.18	0.00
238	ATHANA	900167	1.24	1.24	0.00
239	DIKEN	802196	1.69	1.69	0.00
240	JAWAD	802197	2.2	2.2	0.00
241	JEERAN	802201	0.16	0.16	0.00
242	KUKDESHWAR	802204	0.08	0.08	0.00
243	MANASA	802203	5.53	5.52	0.00
244	NAYAGAON	900168	1.24	1.24	0.00
245	NEEMUCH	802200	29.68	29.68	0.00
246	RAMPURA	802202	2.4	2.4	0.00
247	RATANGARH_N_M	802199	0.65	0.65	0.00
248	SARWANIA MAHARAJ	900169	0.49	0.49	0.00
249	SINGOLI	802198	0.93	0.93	0.00
250	JERON KHALSA	802122	2.99	2.99	0.00
251	NIWARI	802120	2.45	2.45	0.00
252	ORCHHA	802121	3.81	3.81	0.00
253	PRITHVIPUR	802123	4.6	4.6	0.00
254	TARICHARKALA	802119	2.81	2.81	0.00
255	AJAIGARH	802147	4.66	4.66	0.00
256	AMANGANJ	802151	4.04	4.04	0.00
257	DEVENDRA NAGAR	802149	4.41	4.41	0.00
258	GUNNOR	900696	4.55	4.55	0.00
259	KIKRATHI	802150	4.45	4.45	0.00
260	PANNA	802148	10.35	10.35	0.00
261	PAWAI	802152	4.39	4.39	0.00
262	BAADI	802330	5.6	5.6	0.00
263	BARELI	802329	5	5	0.00
264	BEGUMGANJ	802325	4.03	4.03	0.00
265	GAIRATGANJ	802324	2.26	2.26	0.00
266	MANDIDEEP	802327	8.42	8.42	0.00
267	OBEDULLAGANJ	802328	6.07	6.07	0.00
268	RAISEN	802323	5.15	5.15	0.00
269	SANCHI	802322	2.94	2.94	0.00
270	SILWANI	802331	3.87	3.87	0.00
271	SULTANPUR_R	802326	3.1	3.1	0.00
272	UDAIPURA	802332	4.96	4.96	0.00
273	Deori	NA	4.54	0.	2.93
274	BIAORA	802299	6.56	6.56	0.00
275	BODA	802302	0.97	0.97	0.00
276	CHHAPIHEDA	802295	1.01	1.01	0.00
277	JEERAPUR	802293	2.47	2.47	0.00
278	KHILCHIPUR	802294	2.13	2.13	0.00
279	KHUJNER	802297	1.03	1.03	0.00
280	KURAWAR	900154	1.27	1.27	0.00
281	MACHALPUR	802292	1	1	0.00
282	NARSINGGARH	802301	4.86	4.86	0.00
283	PACHORE	802303	7.63	7.55	0.00
284	RAJGARH_R	802296	4.75	4.75	0.00

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S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
285	SARANGPUR	802300	4.76	4.76	0.00
286	SUTHALIA	802298	3.23	3.23	0.00
287	TALEN	802304	1.07	1.07	0.00
288	ALOT	802218	6.77	6.77	0.00
289	BADAWADA	802217	1.48	1.48	0.00
290	DHAMNOD_R	802223	2.9	2.9	0.00
291	JAWARA	802216	18	18	0.00
292	NAMLI	802221	2.3	2.3	0.00
293	PIPLODHA	802215	2.19	2.19	0.00
294	RATLAM	802222	113.7	113.7	0.00
295	SAILANA	802220	1.29	1.29	0.00
296	TAL	802219	2.91	2.91	0.00
297	BAIKUNTHPUR_M	802183	3.06	3.06	0.00
298	CHAKGHAT	802180	2.58	2.58	0.00
299	DABHOURA	900690	0.05	0	0.05
300	GOVINDGARH	802190	2.45	2.45	0.00
301	GURH	802191	1.81	0	1.81
302	HANUMANA	802186	2.26	2.23	0.00
303	MANGAVA	802184	2.48	2.48	0.00
304	MAUGANJ	802187	8.06	8.06	0.00
305	NAI GARHI	802188	2.16	2.16	0.00
306	REWA	802189	116.45	116.45	0.00
307	SEMARIA	802185	2.02	2.02	0.00
308	SIRMOUR	802182	3.16	3.16	0.00
309	THEOTHAR	802181	3.13	3.13	0.00
310	BAANDRI	900697	6.26	6.26	0.00
311	BANDA	802155	7.44	7.44	0.00
312	BILHARA	900698	4.58	4.58	0.00
313	BINA ETAWA	802153	16.81	16.81	0.00
314	DEORI_S	802163	6.29	6.29	0.00
315	GARHAKOTA	802161	7.08	7.08	0.00
316	KHURAI	802154	21.81	21.81	0.00
317	MAKRONIA	900172	8.87	8.87	0.00
318	MALTHAUN	900699	3.87	3.87	0.00
319	RAHATGARH	802157	9.03	9.03	0.00
320	REHLI	802162	3.95	3.95	0.00
321	SAGAR	802159	123.12	123.12	0.00
322	SHAHGARH	802156	5.87	5.87	0.00
323	SHAHPUR_S	802158	4.92	4.92	0.00
324	SURAKHI	900700	5.39	5.39	0.00
325	Karrapur	NA	6.8	0.	3.29
326	Sagar	NA	7.86	2.9	1.63
327	AMARPATAN	802178	4.1		4.10
328	BIRSINGHPUR	802172	3.29	3.29	0.00
329	CHITRAKOOT	802171	2.9	2.9	0.00
330	JAITWARA	802173	0.97	0.97	0.00
331	KOTAR	802177	2.19	2.19	0.00
332	KOTHI	802169	2.9	2.9	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
333	MAIHAR	802179	5.4	5.4	0.00
334	NAGOD	802174	8.36	8.36	0.00
335	NEW RAMNAGAR	900164	3.48	3.48	0.00
336	RAMPUR BHAGHELAN	802176	3.61	3.61	0.00
337	SATNA	802170	146	146	0.00
338	UCHEHRA	802175	3.06	3.06	0.00
339	ASHTA_MP	802315	12.96	12.96	0.00
340	BUDNI	802320	5.59	5.59	0.00
341	ICHHAWAR	802318	1.55	1.55	0.00
342	JAWAR	802317	2.32	2.28	0.01
343	KOTHRI	802316	3.55	3.55	0.00
344	NASRULLAGANJ	802319	3.65	3.65	0.00
345	REHTI	802321	2.65	2.65	0.00
346	SEHORE	802314	23.23	23.23	0.00
347	SHAHGANJ	900127	3.38	3.38	0.00
348	BARGHAT	802394	2.58	2.58	0.00
349	CHAPARA	900688	2.58	2.58	0.00
350	KEWLARI	900689	2.58	2.58	0.00
351	LAKHNADOAN	802392	3.65	3.65	0.00
352	SEONI_M	802393	19.35	19.35	0.00
353	BAKHO	900694	0.65	0.65	0.00
354	BEOHARI	802411	2.9	2.52	0.00
355	BURHAR	802414	2.92	2.92	0.00
356	DHANPURI	802415	6.73	6.73	0.00
357	JAYSINGH NAGAR	802412	1.83	1.83	0.00
358	KHAND	802410	2.09	2.09	0.00
359	SHAHDOL	802413	25.57	25.57	0.00
360	AKODIA	802242	3.28	3.28	0.00
361	MAKSHI	802240	3.57	3.53	0.00
362	PALAYKALA	802243	3.39	3.39	0.00
363	PANKHEDI KALAPIPAL	900170	2.65	2.65	0.00
364	SHAJAPUR	802239	21.13	21.13	0.00
365	SHUJALPUR	802241	13.71	13.71	0.00
366	BADODA	802080	8.1	8.1	0.00
367	BIJAYPUR	802078	6.16	6.16	0.00
368	SHEOPUR	802079	12.72	12.72	0.00
369	BADARWAS	802116	2.1	2	0.10
370	BAIRAD	900155	5.42	5.42	0.00
371	KARERA	802114	6.52	6.52	0.00
372	KHANIADHANA	802118	4.58	4.58	0.00
373	KOLARAS	802115	2.26	2.26	0.00
374	MANGRAUNI	900685	4.35	4.35	0.00
375	NARWAR	802113	7.39	7.39	0.00
376	PICHHOR	802117	7.74		7.74
377	POHARI	900686	5.29	5.29	0.00
378	RANNOD	900687	3.48	3.48	0.00
379	SHIVPURI	802112	101.92	101.92	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
380	CHURHAT	802423	4	4	0.00
381	MANJHOLI_S	802425	1.94	1.94	0.00
382	RAMPURNEKIN	802422	3.19	3.19	0.00
383	SIDDHI	802424	11.54	11.54	0.00
384	SINGRAULI	802426	99.58	99.58	0.00
385	Sarai	NA	7.73	2.1	2.93
386	Bargawan		9.58	3.2	2.39
387	BADAGAON_T	802131	1.99	1.99	0.00
388	BALDEVGARH	802127	3.04	3.04	0.00
389	JATARA	802125	3.67	3.67	0.00
390	KARI	802129	3.94	3.94	0.00
391	KHARGAPUR	802128	4.33	4.33	0.00
392	LIDHORAKHAS	802124	4.1	4.1	0.00
393	PALERA	802126	4.23	4.23	0.00
394	TIKAMGARH	802130	12.8	12.8	0.00
395	BADNAGAR	802231	6.77	6.77	0.00
396	KHACHROD	802224	6.11	6.11	0.00
397	MAHIDPUR	802227	0.51	0.51	0.00
398	MAKDONE	802229	2.48	2.48	0.00
399	NAGDA	802225	11.68	11.68	0.00
400	TARANA	802228	2.9	2.9	0.00
401	UJJAIN	802230	255.13	255.13	0.00
402	UNHEL	802226	3.52	3.45	0.06
403	CHANDIA	802193	2.19	2.16	0.00
404	MANPUR-U	900695	3.35	3.35	0.00
405	NAWROZABAD	802195	2.66	2.66	0.00
406	PALI_M	802194	4.26	4.2	0.00
407	UMARIYA	802192	10.06	9.93	0.00
408	GANJBASODA	802308	9.26	9.25	0.00
409	KURWAI	802307	2.06	2.06	0.00
410	LATERI	802305	2.86	2.83	0.00
411	SHAMSHABAD	802309	3.2	3.2	0.00
412	SIRONJ	802306	4.82	4.82	0.00
413	VIDISHA	802310	61.29	61.29	0.00

Annexure 4

➤ **Individually the kind of waste processing facilities set up and extent of their utilization.**

S. No.	Municipal Corporation Name	Total Waste Generation (TPD)	Total Waste Processed (TPD)	MRF (TPD)	Compost Plant (TPD)	CBG (TPD)	Waste to Energy (TPD, MW)	C&D (TPD)	Other Rejects	Dumpsite Status
1	Bhopal	818.8	818.8	505	457	5	-	100	556	Remediated
2	Burhanpur	60.63	60.63	25	54	-	-	1	5	Remediated
3	Chhindwara	64.12	64.12	55	102	-	-	7	5	Remediated
4	Dewas	109.34	109.34	65	80	-	-	18	18	Remediation work under process
5	Gwalior	484.3671	484.36	250	370	-	-	15	1	50 % Work completed will be remediated by March 2025
6	Indore	979	979	194	544	587	-	100	36	Remediated
7	Jabalpur	519.74	519.74	-	-	-	600, 11.5 MW	50		Remediated
8	Khandwa	43.38	43.38	50	60	-	-	3	0.58	50 % Work completed, will be remediated by March 2025
9	Morena	88.06	88.06	50	60	-	-	10	1	Dumpsite Status
10	Murwara (Katni)	121.45	121.45	60	90	-	-	20	1.5	Remediated
11	Ratlam	113.70	113.70	60	80	-	-	120	4	Remediated
12	Rewa	116.45	116.45	150	350	-	350,6 MW	50	10	55 % Work completed, will be remediated by March 2025
13	Sagar	123.12	123.12	175	175	-	-	20	2.4	40 % Work completed, will be remediated by March 2025
14	Satna	146	146	110	70	-	-	17	1.5	Remediated
15	Singrauli	99.58	99.58	150	70	-	-	30	82	Remediated
16	Ujjain	255.13	255.13	8	225	5	100 (RDF)	100	2	Remediated

➤ **Dumpsite status different cities**

S.No	Division	ULB Name	Legacy Waste to be remediated (in MT)	Timeline for Completion
1	Ratlam	Ratlam	316689	Jan 2025
2	Rewa	Rewa	82464	Jan 2025
3	Sagar	Sagar	NA	NA
4	Rewa	Satna	NA	NA
5	Singrauli	Singrauli	NA	NA
6	Ujjain	Ujjain	47698	March 2025

Annexure-5

➤ **Town Wise status for each district:-**

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
1	AGAR	802237	10.32	10.32	0.00
2	BADAGAON_A	802235	0.81	0.81	0.00
3	BARODE	802236	4.19	4.19	0.00
4	KANAD	802238	1	1	0.00
5	NALKHEDA	802234	0.19	0	0.19
6	SOYATKALAN	802232	3.7	3.7	0.00
7	SUSNER	802233	3.68	3.68	0.00
8	ALIRAJPUR	802433	8.19	8.19	0.00
9	BHAVRA	802431	4.82	4.22	0.00
10	JOBAT	802432	1.94	0	1.92
11	AMARKANTAK	802421	1.61	1.61	0.00
12	ANUPPUR	802419	3.26	3.26	0.00
13	BANGAWAN (RAJNAGAR)	900691	4.84	4.84	0.00
14	BIJURI	802416	2.65	2.65	0.00
15	DOLA	900692	0.65	0.65	0.00
16	DUMARKACHAR	900693	1.29	1.29	0.00
17	JAITHARI	802420	1.94	1.94	0.00
18	KOTMA	802417	1.77	1.77	0.00
19	PASAN	802418	5	5	0.00
20	Bargawan (Amlai)	NA	7.8	2	2.79
21	ASHOKNAGAR	802408	15	15	0.00
22	CHANDERI	802407	3.39	3.39	0.00
23	ESAGARH	802406	5.26	5.26	0.00
24	MUNGAOLI	802409	7.2	7.2	0.00
25	PIPARAI	900682	3.6	3.6	0.00
26	SHADORA	900156	4.45	4.45	0.00
27	BAIHAR	802398	1.61	1.61	0.00
28	BALAGHAT	802397	30.68	30.68	0.00
29	KATANGI_B	802395	1.94	1.94	0.00
30	LANGI	802400	1.87	1.87	0.00
31	MALAJKHAND	802399	9.68	9.68	0.00
32	WARASEONI	802396	4.78	4.78	0.00
33	ANJAD	802286	3.32	3.32	0.00
34	BADWANI	802285	25.85	25.85	0.00
35	KHETIA	802290	3.4	3.4	0.00
36	NIWALI BURJURG	900677	3.55	3.55	0.00
37	PALSOOD	802288	3.06	3.06	0.00
38	PANSEMAL	802289	2.84	2.84	0.00
39	RAJPUR_M	802287	6.81	6.81	0.00
40	SENDHWA	802291	19.39	19.39	0.00
41	THIKARI	900678	3.26	3.26	0.00
42	AMLA	802340	10.06	10.06	0.00
43	ATHNER	802334	1.87	1.87	0.00
44	BETUL	802335	36.19	36.19	0.00
45	BETUL BAZAAR	802336	4.23	4.23	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
46	BHAINSDEHI	802333	2.29	2.29	0.00
47	CHICHOLI	802337	1.21	1.21	0.00
48	GHODADOGRI	900702	1.74		1.74
49	MULTAI	802339	5.42	4.84	0.54
50	SARNI	802338	29.1	29.1	0.00
51	SHAHPUR	900703	2.48	2.48	0.00
52	AKODA	802091	3.48	3.48	0.00
53	ALAMPUR	802098	5.16	5.16	0.00
54	BHIND	802090	67.35	67.35	0.00
55	DABOH	802099	5.81	5.81	0.00
56	GOHAD	802094	8.39	8.39	0.00
57	GORMI	802093	7.06	7.06	0.00
58	LAHAR	802097	11.13	11.13	0.00
59	MALANPUR	900680	4.97	4.97	0.00
60	MAU	802095	6.87	6.87	0.00
61	MEHGAON	802092	6.71	6.71	0.00
62	MIHONA	802096	5.87	5.87	0.00
63	PHUPHKALAN	802089	3.35	3.35	0.00
64	RAUN	900681	3.1	3.1	0.00
65	BERASIA	802311	3.13	3.1	0.00
66	BHOPAL	802312	818.8	818.8	0.00
67	BURHANPUR	802439	60.63	60.63	0.00
68	NEPANAGAR	802441	0.21	0.21	0.00
69	SHAHPUR_B	802440	2.97	2.97	0.00
70	BADALMALHERA	802142	5.45	5.45	0.00
71	BIJAWAR	802145	6.55	6.29	0.00
72	BUXWAHA	802146	2.36	2.36	0.00
73	CHANDALA	802134	1.68	1.68	0.00
74	CHHATARPUR	802139	32	32	0.00
75	GADIMALHARA	802137	3.94	3.94	0.00
76	GHUWARA	802143	4.04	4.04	0.00
77	HARPALPUR	802135	5.23	5.23	0.00
78	KHAJURAO	802141	9.55	9.55	0.00
79	LAVKUSH NAGAR	802133	4.71	4.71	0.00
80	MAHARAJPUR	802138	5.14	5.14	0.00
81	NOGAON	802136	9.2	9.2	0.00
82	RAJNAGAR	802140	3.13	3.13	0.00
83	SATAI	802144	4.19	4.19	0.00
84	WARIGARH	802132	2.85	2.85	0.00
85	AMARWARA	802377	4.56	4.56	0.00
86	BADKUHI	802385	2.66	2.66	0.00
87	BICHHUUA	900160	2.08	2.08	0.00
88	CHAND	900161	2.45	2.45	0.00
89	CHANDAMETA BUTARIA	802384	4.21	4.21	0.00
90	CHHINDWARA	802386	64.13	64.13	0.00
91	CHORAI	802379	1.48	1.48	0.00
92	DAMUA	802381	9.1	9.1	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
93	DONGAR PARASIYA	802383	10.23	10.23	0.00
94	HARRAI	802378	2.55	2.55	0.00
95	JUNNARDEO	802380	5.26	5.26	0.00
96	LODHIKHEDA	802389	3.55	3.55	0.00
97	MOHGAON	802388	3.25	3.25	0.00
98	NEWTONCHIKHLI	802382	2.11	2.11	0.00
99	PANDHURNA	802391	13.55	13.55	0.00
100	PIPLANARAYANWAR	802390	2.24	2.24	0.00
101	SAUSAR	802387	4.84	4.84	0.00
102	DAMOH	802167	26	26	0.00
103	HATTA	802164	6.41	6.41	0.00
104	HINDORIYA	802166	2.78	2.78	0.00
105	PATERA	900165	5.87	5.87	0.00
106	PATHARIYA	802165	7.61	7.61	0.00
107	TENDUKHEDA_D	802168	4.03	4.03	0.00
108	BADONI	802110	3.42	3.42	0.00
109	BHANDER	802111	9.87	9.87	0.00
110	DATIA	802109	39.39	39.39	0.00
111	INDERGARH_MP	802108	9.61	9.61	0.00
112	SEONDHA	802107	10	10	0.00
113	BAGLI	802254	2.9	2.9	0.00
114	BHAURASA	802245	2.26	2.22	0.00
115	DEWAS	802248	109.35	109.35	0.00
116	HATPIPLIYA	802255	4.11	4.11	0.00
117	KANNOD	802249	3.89	3.89	0.00
118	KANTHAPHOD	802251	1.42	1.42	0.00
119	KARNAWAD	802253	2.9	2.9	0.00
120	KHATEGAON	802256	3.97	3.97	0.00
121	LOHARDA	802250	2.6	2.6	0.00
122	NEEMAWAR	900166	1.84	1.84	0.00
123	PIPALRAWAN	802247	2.61	2.56	0.00
124	SATWAS	802252	3.7	3.7	0.00
125	SONKATCH	802246	3.12	3.09	0.00
126	TONKHURD	802244	2.4	2.38	0.00
127	BADNAWAR	802257	5.21	5.21	0.00
128	DAHI	802264	2.31	2.31	0.00
129	DHAMNOD_D	802266	4.35	4.35	0.00
130	DHAR	802260	33.55	33.55	0.00
131	DHARAMPURI	802267	5.31	5.31	0.00
132	KUKSHI	802263	7.7	7.7	0.00
133	MANAVAR	802265	9.52	9.52	0.00
134	MANDAV	802262	2.99	2.99	0.00
135	PITHAMPUR	802261	40.97	40.97	0.00
136	RAJGARH_D	802258	7.19	7.19	0.00
137	SARDARPUR	802259	2.74	2.74	0.00
138	DINDORI_D	802371	4.26	4.26	0.00
139	SHAHPURA_D	802370	2.51	2.51	0.00
140	ARON	802404	2.28	2.28	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
141	CHACHODABINAGANJ	802405	5.73	5.73	0.00
142	GUNA	802401	58.06	58.06	0.00
143	KUMBHRAJ	802403	7.13	7.13	0.00
144	MADHUSUDANGARH	900683	2.26	2.26	0.00
145	RADHOGARH	802402	10.68	10.68	0.00
146	ANTRI	802106	4.03	4.03	0.00
147	BILAUA	802102	3.9	3.9	0.00
148	BITARWAR	802105	6.13	6.13	0.00
149	DABRA	802104	26.28	26.28	0.00
150	GWALIOR	802100	484.37	484.37	0.00
151	MOHNA	900684	3.61	3.61	0.00
152	PICHHORE	802103	5.32	5.32	0.00
153	HARDA	802342	23.23	23.23	0.00
154	KHIRKIYA	802341	4.52	4.52	0.00
155	SIRALI	900704	4.11	4.11	0.00
156	TIMARNI	802343	3.03	3.03	0.00
157	BABAI	802347	3.65	3.65	0.00
158	HOSHANGABAD	802346	23.55	23.55	0.00
159	ITARSI	802345	19.77	19.77	0.00
160	PIPARIYA_M	802349	3.16	3.16	0.00
161	SEONI MALWA	802344	4.77	4.77	0.00
162	SOHAGPUR	802348	3.88	3.88	0.00
163	VANKHEDI	900171	2.97	2.97	0.00
164	BETMA	802270	4.2	4.2	0.00
165	DEPALPUR	802269	9.68	9.68	0.00
166	GAUTAMPURA	802268	5.03	5.03	0.00
167	HATHOD	802271	2.9	2.89	0.00
168	INDORE	802273	979	979	0.00
169	MANPUR	802277	3.02	3.02	0.00
170	MHOWGAON	802276	7.35	7.35	0.00
171	RAU	802274	13.29	13.29	0.00
172	SANWER	802272	3.39	3.39	0.00
173	BERALA_M	802363	4.37	4.37	0.00
174	BHEDAGHAT	802362	2	2	0.00
175	JABALPUR	802361	519.74	519.74	0.00
176	KATANGI_J	802357	5.21	5.21	0.00
177	MANJHOLI_J	802356	3.55	1.87	0.00
178	PANAGAR	802364	15.48	7.04	0.01
179	PATAN_MP	802358	4.67	3.33	0.00
180	SHAHPUR BHITONI	802359	3.68	3.68	0.00
181	SIHORA	802355	15	15	0.00
182	JHABUA	802429	8.48	8.48	0.00
183	MEGHNAGAR	900157	4.35	4.35	0.00
184	PETLAWAD	802428	5.29	5.29	0.00
185	RANAPUR	802430	3.61	3.61	0.00
186	THANDLA	802427	3.71	3.71	0.00
187	CHHANERA	802434	4.04	4.03	0.00
188	KHANDWA	802435	43.39	43.39	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
189	MUNDI	802437	7.1	7.1	0.00
190	OMKARESHWAR	802436	3.57	3.56	0.00
191	PANDHANA	802438	3.84	3.84	0.00
192	Punasa	NA	3.92	0.	1.20
193	BARWAHA	802278	7.82	7.82	0.00
194	BHIKANGAON	802283	4.06	4.06	0.00
195	BISTAAN	900679	2.88	2.83	0.00
196	KARHI PANDLYA	900158	5.42	0.03	5.39
197	KASRAWAD	802282	6.68	6.68	0.00
198	KHARGONE	802284	38.97	38.97	0.00
199	MAHESHWAR	802280	6.74	6.74	0.00
200	MANDLESHWAR	802281	3.48	3.48	0.00
201	SANAWAD	802279	11.89	11.89	0.00
202	BAMHANI	802374	5.11	5.11	0.00
203	BHUA BHICHHIA	802375	4.87	4.87	0.00
204	MANDLA	802373	19.03	19.03	0.00
205	NAINPUR	802376	9.5	9.5	0.00
206	NIWAS	802372	2.81	2.81	0.00
207	BHAINSODA MANDI	900701	2.73	2.68	0.00
208	BHANPURA	802205	4.58	4.58	0.00
209	GAROTH	802209	1.29	1.29	0.00
210	MALHARGARH	802206	0.94	0.94	0.00
211	MANDSAUR	802211	44.98	44.98	0.00
212	NAGRI_M	802212	1.43	1.43	0.00
213	NARAYANGARH	802207	0.65	0.65	0.00
214	PIPALYA MANDI	802208	2.05	2.05	0.00
215	SHYAMGARH	802210	0.32	0.32	0.00
216	SITAMAU	802213	1.17	1.17	0.00
217	SUWASRA	802214	1.19	1.19	0.00
218	AMBAH	802081	11.29	11.29	0.00
219	BAMORE	802084	12.45	12.45	0.00
220	JAURA	802085	10.94	10.94	0.00
221	JHUNDPURA	802087	4.06	4.06	0.00
222	KAILARAS	802086	10.94	10.94	0.00
223	MORENA	802083	88.06	88.06	0.00
224	PORSA	802082	10.87	10.87	0.00
225	SABALGARH	802088	10.52	10.52	0.00
226	BARHI	802352	3.48	3.48	0.00
227	KATNI	802351	121.45	121.45	0.00
228	KYMORE	802353	3.73	3.73	0.00
229	VIJAY RADHOGARH	802354	3.44	3.44	0.00
230	CHICHLI	900163	3.03	3.03	0.00
231	GADARWARA	802366	11.5	11.5	0.00
232	GOTEGAON	802365	6.69	6.69	0.00
233	KARELI	802368	9.78	9.78	0.00
234	NARSINGHPUR	802367	12.81	12.81	0.00
235	SAINKHEDA	900159	3.19	3.19	0.00
236	SALICHOKA	900162	3.26	3.26	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
237	TENDUKHEDA_N	802369	3.19	3.18	0.00
238	ATHANA	900167	1.24	1.24	0.00
239	DIKEN	802196	1.69	1.69	0.00
240	JAWAD	802197	2.2	2.2	0.00
241	JEERAN	802201	0.16	0.16	0.00
242	KUKDESHWAR	802204	0.08	0.08	0.00
243	MANASA	802203	5.53	5.52	0.00
244	NAYAGAON	900168	1.24	1.24	0.00
245	NEEMUCH	802200	29.68	29.68	0.00
246	RAMPURA	802202	2.4	2.4	0.00
247	RATANGARH_N_M	802199	0.65	0.65	0.00
248	SARWANIA MAHARAJ	900169	0.49	0.49	0.00
249	SINGOLI	802198	0.93	0.93	0.00
250	JERON KHALSA	802122	2.99	2.99	0.00
251	NIWARI	802120	2.45	2.45	0.00
252	ORCHHA	802121	3.81	3.81	0.00
253	PRITHVIPUR	802123	4.6	4.6	0.00
254	TARICHARKALA	802119	2.81	2.81	0.00
255	AJAIGARH	802147	4.66	4.66	0.00
256	AMANGANJ	802151	4.04	4.04	0.00
257	DEVENDRA NAGAR	802149	4.41	4.41	0.00
258	GUNNOR	900696	4.55	4.55	0.00
259	KIKRATHI	802150	4.45	4.45	0.00
260	PANNA	802148	10.35	10.35	0.00
261	PAWAI	802152	4.39	4.39	0.00
262	BAADI	802330	5.6	5.6	0.00
263	BARELI	802329	5	5	0.00
264	BEGUMGANJ	802325	4.03	4.03	0.00
265	GAIRATGANJ	802324	2.26	2.26	0.00
266	MANDIDEEP	802327	8.42	8.42	0.00
267	OBEDULLAGANJ	802328	6.07	6.07	0.00
268	RAISEN	802323	5.15	5.15	0.00
269	SANCHI	802322	2.94	2.94	0.00
270	SILWANI	802331	3.87	3.87	0.00
271	SULTANPUR_R	802326	3.1	3.1	0.00
272	UDAIPURA	802332	4.96	4.96	0.00
273	Deori	NA	4.54	0.	2.93
274	BIAORA	802299	6.56	6.56	0.00
275	BODA	802302	0.97	0.97	0.00
276	CHHAPIHEDA	802295	1.01	1.01	0.00
277	JEERAPUR	802293	2.47	2.47	0.00
278	KHILCHIPUR	802294	2.13	2.13	0.00
279	KHUJNER	802297	1.03	1.03	0.00
280	KURAWAR	900154	1.27	1.27	0.00
281	MACHALPUR	802292	1	1	0.00
282	NARSINGGARH	802301	4.86	4.86	0.00
283	PACHORE	802303	7.63	7.55	0.00
284	RAJGARH_R	802296	4.75	4.75	0.00

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
285	SARANGPUR	802300	4.76	4.76	0.00
286	SUTHALIA	802298	3.23	3.23	0.00
287	TALEN	802304	1.07	1.07	0.00
288	ALOT	802218	6.77	6.77	0.00
289	BADAWADA	802217	1.48	1.48	0.00
290	DHAMNOD_R	802223	2.9	2.9	0.00
291	JAWARA	802216	18	18	0.00
292	NAMLI	802221	2.3	2.3	0.00
293	PIPLODHA	802215	2.19	2.19	0.00
294	RATLAM	802222	113.7	113.7	0.00
295	SAILANA	802220	1.29	1.29	0.00
296	TAL	802219	2.91	2.91	0.00
297	BAIKUNTHPUR_M	802183	3.06	3.06	0.00
298	CHAKGHAT	802180	2.58	2.58	0.00
299	DABHOURA	900690	0.05	0	0.05
300	GOVINDGARH	802190	2.45	2.45	0.00
301	GURH	802191	1.81	0	1.81
302	HANUMANA	802186	2.26	2.23	0.00
303	MANGAVA	802184	2.48	2.48	0.00
304	MAUGANJ	802187	8.06	8.06	0.00
305	NAI GARHI	802188	2.16	2.16	0.00
306	REWA	802189	116.45	116.45	0.00
307	SEMARIA	802185	2.02	2.02	0.00
308	SIRMOUR	802182	3.16	3.16	0.00
309	THEOTHAR	802181	3.13	3.13	0.00
310	BAANDRI	900697	6.26	6.26	0.00
311	BANDA	802155	7.44	7.44	0.00
312	BILHARA	900698	4.58	4.58	0.00
313	BINA ETAWA	802153	16.81	16.81	0.00
314	DEORI_S	802163	6.29	6.29	0.00
315	GARHAKOTA	802161	7.08	7.08	0.00
316	KHURAI	802154	21.81	21.81	0.00
317	MAKRONIA	900172	8.87	8.87	0.00
318	MALTHAUN	900699	3.87	3.87	0.00
319	RAHATGARH	802157	9.03	9.03	0.00
320	REHLI	802162	3.95	3.95	0.00
321	SAGAR	802159	123.12	123.12	0.00
322	SHAHGARH	802156	5.87	5.87	0.00
323	SHAHPUR_S	802158	4.92	4.92	0.00
324	SURAKHI	900700	5.39	5.39	0.00
325	Karrapur	NA	6.8	0.	3.29
326	Sagar	NA	7.86	2.9	1.63
327	AMARPATAN	802178	4.1		4.10
328	BIRSINGHPUR	802172	3.29	3.29	0.00
329	CHITRAKOOT	802171	2.9	2.9	0.00
330	JAITWARA	802173	0.97	0.97	0.00
331	KOTAR	802177	2.19	2.19	0.00
332	KOTHI	802169	2.9	2.9	0.00

1500

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
333	MAIHAR	802179	5.4	5.4	0.00
334	NAGOD	802174	8.36	8.36	0.00
335	NEW RAMNAGAR	900164	3.48	3.48	0.00
336	RAMPUR BHAGHELAN	802176	3.61	3.61	0.00
337	SATNA	802170	146	146	0.00
338	UCHEHRA	802175	3.06	3.06	0.00
339	ASHTA_MP	802315	12.96	12.96	0.00
340	BUDNI	802320	5.59	5.59	0.00
341	ICHHAWAR	802318	1.55	1.55	0.00
342	JAWAR	802317	2.32	2.28	0.01
343	KOTHRI	802316	3.55	3.55	0.00
344	NASRULLAGANJ	802319	3.65	3.65	0.00
345	REHTI	802321	2.65	2.65	0.00
346	SEHORE	802314	23.23	23.23	0.00
347	SHAHGANJ	900127	3.38	3.38	0.00
348	BARGHAT	802394	2.58	2.58	0.00
349	CHAPARA	900688	2.58	2.58	0.00
350	KEWLARI	900689	2.58	2.58	0.00
351	LAKHNADOAN	802392	3.65	3.65	0.00
352	SEONI_M	802393	19.35	19.35	0.00
353	BAKHO	900694	0.65	0.65	0.00
354	BEOHARI	802411	2.9	2.52	0.00
355	BURHAR	802414	2.92	2.92	0.00
356	DHANPURI	802415	6.73	6.73	0.00
357	JAYSINGH NAGAR	802412	1.83	1.83	0.00
358	KHAND	802410	2.09	2.09	0.00
359	SHAHDOL	802413	25.57	25.57	0.00
360	AKODIA	802242	3.28	3.28	0.00
361	MAKSHI	802240	3.57	3.53	0.00
362	PALAYKALA	802243	3.39	3.39	0.00
363	PANKHEDI KALAPIPAL	900170	2.65	2.65	0.00
364	SHAJAPUR	802239	21.13	21.13	0.00
365	SHUJALPUR	802241	13.71	13.71	0.00
366	BADODA	802080	8.1	8.1	0.00
367	BIJAYPUR	802078	6.16	6.16	0.00
368	SHEOPUR	802079	12.72	12.72	0.00
369	BADARWAS	802116	2.1	2	0.10
370	BAIRAD	900155	5.42	5.42	0.00
371	KARERA	802114	6.52	6.52	0.00
372	KHANIADHANA	802118	4.58	4.58	0.00
373	KOLARAS	802115	2.26	2.26	0.00
374	MANGRAUNI	900685	4.35	4.35	0.00
375	NARWAR	802113	7.39	7.39	0.00
376	PICHHOR	802117	7.74		7.74
377	POHARI	900686	5.29	5.29	0.00
378	RANNOD	900687	3.48	3.48	0.00
379	SHIVPURI	802112	101.92	101.92	0.00

1501

S.No	ULBName	ULBID	SW_Generation(TPD)	SW_Processed(TPD)	Processing Gap
380	CHURHAT	802423	4	4	0.00
381	MANJHOLI_S	802425	1.94	1.94	0.00
382	RAMPURNEKIN	802422	3.19	3.19	0.00
383	SIDDHI	802424	11.54	11.54	0.00
384	SINGRAULI	802426	99.58	99.58	0.00
385	Sarai	NA	7.73	2.1	2.93
386	Bargawan		9.58	3.2	2.39
387	BADAGAON_T	802131	1.99	1.99	0.00
388	BALDEVGARH	802127	3.04	3.04	0.00
389	JATARA	802125	3.67	3.67	0.00
390	KARI	802129	3.94	3.94	0.00
391	KHARGAPUR	802128	4.33	4.33	0.00
392	LIDHORAKHAS	802124	4.1	4.1	0.00
393	PALERA	802126	4.23	4.23	0.00
394	TIKAMGARH	802130	12.8	12.8	0.00
395	BADNAGAR	802231	6.77	6.77	0.00
396	KHACHROD	802224	6.11	6.11	0.00
397	MAHIDPUR	802227	0.51	0.51	0.00
398	MAKDONE	802229	2.48	2.48	0.00
399	NAGDA	802225	11.68	11.68	0.00
400	TARANA	802228	2.9	2.9	0.00
401	UJJAIN	802230	255.13	255.13	0.00
402	UNHEL	802226	3.52	3.45	0.06
403	CHANDIA	802193	2.19	2.16	0.00
404	MANPUR-U	900695	3.35	3.35	0.00
405	NAWROZABAD	802195	2.66	2.66	0.00
406	PALI_M	802194	4.26	4.2	0.00
407	UMARIYA	802192	10.06	9.93	0.00
408	GANJBASODA	802308	9.26	9.25	0.00
409	KURWAI	802307	2.06	2.06	0.00
410	LATERI	802305	2.86	2.83	0.00
411	SHAMSHABAD	802309	3.2	3.2	0.00
412	SIRONJ	802306	4.82	4.82	0.00
413	VIDISHA	802310	61.29	61.29	0.00

Annexure-6

✓ **OVERVIEW OF OUR MSW POWER PLANT AT JABALPUR**

- Capacity: 600 TPD
- Type of waste: Municipal Solid waste
- Calorific Value: 1100 to 2200 kcal/kg
- Technology: Mass Burning Technology
- Flue gas treat.: Evaporation cooler and Bag Filter
- Steam Parameters: 56.4 TPH ,46 KG/CM2/410 C
- Electrical power: 11.5MW
- Land required: 10 Acres per unit.

✓ **Basis of Selection of Technology**

PARAMETER	Controlled Combustion Process	Bio-methanation / Gasification Process	Compost and RDF Process
Reliability (Proven Technology)	More than 800 Plants running all over world on Mass-burn Technology, hence reliable and proven Technology, even on low quality of MSW.	Few Plants are running at lower Capacity and high quality of MSW required.	Few Plants are running with frequent/ repetitive break down .
	Suitable and established for higher Capacity.	Not established on Higher capacity	Suitable for lower capacity only.
High Productivity (Self-sustainability)	11.5 MW Electricity will be generated	2.6 MW Electricity will be generated	Not self – sustainable
	Electrical Efficiency 27 %	Electrical Efficiency 22 %	Poor Efficiency
Process	Simple Process	Complex Process	Simple Process

✓ ***Advantages of Mass Incineration Technology***

- Success rate of Mass burn is very high compare to others.
- More than 480 Plants are operational on Mass burn all over world, hence this Technology is tested and reliable. Few of them are attached here with.
- Specially designed LowCal-580 model for Indian MSW (Poor quality of MSW up to 1100 Kcal/Kg of GCV)
- No Segregation/ Pre-treatment is required, hence up time of the Plant is higher.
- Spares availability is higher as all the equipment's are indigenous other than travelling grate.
- Productivity is higher than Gasification.
- Simple operation
- Higher generation
- Already 03 to 04 Plants are in pipe line in India also.

Details of Operational STPs in the State

Annexure -7

1505

S. No.	Location	Existing STP Capacity (MLD)	Average Capacity Being Utilized (MLD)	Reuse (MLD)	Operational Status of STP	Technology
1	Bhopal (M Corp.) - Maholi Damkheda (Bhojwet Land)	35	7.20	1.44	AMRUT, Operational 2019	SBR
2	Bhopal (M Corp.) - Bawariya Kalan	13.56	12.80	2.56	Operational	Oxidation Pond
3	Bhopal (M Corp.) - Mata Mandir	4.51	2.50	0.50	Operational	BioFilter
4	Bhopal (BHEL)	4.5	1.71	0.34	Operational	SBR
5	Bhopal (M Corp.) - Badwai	16.67	16.61	3.32	Operational	Oxidation Pond
6	Bhopal (M Corp.) - Gondarmau	2.36	2.36	0.47	Operational	Oxidation Pond
7	Bhopal (M Corp.) - Kotra	10	8.00	1.60	Operational	Oxidation Pond
8	Bhopal (M Corp.) - Ekant Park	8	2.00	0.40	Operational	Oxidation Pond
9	Burhanpur (M Corp.)	4.5	2.38	0.48	Operational	Oxidation Pond
10	Indore (M Corp.) - Kabit Khedi	12	8.51	1.74	Operational	UASB
11	Indore (M Corp.) - Kabit Khedi	245	244.70	91.00	Operational	SBR
12	Indore (M Corp.) - Kabit Khedi	78	64.10	12.82	Operational	UASB
13	Dewas (M Corp.) - Balawali	12	3.06	0.61	Operational	SBR
14	Jabalpur (M Corp.) - Kathonda	50	17.24	3.45	Operational	Oxidation Pond
15	Jabalpur (M Corp.) - Gwarighat	0.55	0.31	0.10	Operational	Phytorid
16	Jabalpur (M Corp.) - Gulauatal	0.5	0.16	0.10	Operational	Phytorid
17	Sehore (M) - Junia Wada	12	6.96	1.39	AMRUT, Operational 2018	SBR
18	Singrauli (NTPC)	28.22	13.00	2.60	NTPC,Operational	Oxidation Pond
19	Ujjain (M Corp.)	83	70.00	14.00	Operational	Oxidation Pond
20	Indore (M Corp.) - Hukma Khedi (Indore-1)	7	6.62	2.43	AMRUT, Operational Dec 2020	SBR
21	Indore (M Corp.) - Prateek Setu (Indore-1)	8	7.62	3.80	AMRUT, Operational Dec 2020	SBR
22	Bhopal (M Corp.) - Shirin River (Kohefiza) (Bhojwetland)	5	4.81	0.96	AMRUT, Operational Dec 2020	SBR

Details of Operational STPs in the State

Annexure -7

S. No.	Location	Existing STP Capacity (MLD)	Average Capacity Being Utilized (MLD)	Reuse (MLD)	Operational Status of STP	Technology
23	Dewas (M Corp.) - Nanda Nagar, Mendki	14	5.29	1.06	UIDSSMT, Operational Dec 2020	SBR
24	Gwalior (M Corp.) - Jalalpur (Lashkar)	145	97.03	97.03	AMRUT, Operational Dec 2020	SBR
25	Burhanpur (M Corp.)-Boharda	21	12	2.40	AMRUT, Operational Mar 2021	SBR
26	Gwalior (M Corp.)-Laltipara (Morar)	65	35.07	35.07	AMRUT, Operational Mar 2021	SBR
27	Indore (M Corp.)-Radhaswami (Indore-1)	6	5.94	2.75	AMRUT, Operational Mar 2021	SBR
28	Indore (M Corp.)-Zoo (Indore-1)	35	19.29	14.65	AMRUT, Operational Mar 2021	SBR
29	Indore (M Corp.)-Naharbandara (Indore-1)	11	10.87	6.23	AMRUT, Operational Mar 2021	SBR
30	Indore (M Corp.)-C.P.Shekhar Nagar	10	8.72	2.75	SMART CITY, Operational Mar 2021	SBR
31	Gwalior (M Corp.)-Shatabdipuram (Morar)	8	6.05	6.05	AMRUT, Operational April 2021	SBR
32	Morena (M)-Ward No. 4 Atarsuma Area	25	15.4	6.16	AMRUT, Operational April 2021	SBR
33	Khargone (M)-Ward No.14	17.6	6.1	1.22	AMRUT, Operational May 2021	SBR
34	Vidisha (M)-Haripur Peria Nalla	22.25	20.00	8.00	AMRUT, Operational May 2021	SBR
35	Bhopal (Char Imli ,Shahpura)	4.5	2.73	0.55	AMRUT, Operational Aug 2021	SBR
36	Bhopal (Neelbad, Shahpura)	6	3.36	0.67	AMRUT, Operational Aug 2021	SBR
37	Bhopal (Sankhedi, Kolar)	32	21.25	4.25	AMRUT, Operational Aug 2021	SBR
38	Dewas (Saroday Nagar)	22	5.82	1.16	UIDSSMT, Operational Sep 2021	SBR
39	Ratlam (Khetalpur)	16	11.28	2.26	AMRUT, Operational Oct 2021	SBR
40	Ratlam (Trenching Ground)	21.5	8.03	1.61	AMRUT, Operational Oct 2021	SBR
41	Gwalior (Lashkar)	4	0.66	0.66	AMRUT, Operational Nov 2021	SBR
42	Dharampuri	2	1.63	0.33	World Bank, Operational Apr 2022	SBR
43	Bhind	12	7.21	1.44	AMRUT, Operational June 2022	SBR

Details of Operational STPs in the State

Annexure -7

S. No.	Location	Existing STP Capacity (MLD)	Average Capacity Being Utilized (MLD)	Reuse (MLD)	Operational Status of STP	Technology
44	Bhopal (Behind Bansal Hospital,Shahpura)	9.5	4.63	0.93	AMRUT, Operational June 2022	SBR
45	Bhopal (Professor's Colony, Bhojwetland)	2	1.32	0.26	AMRUT, Operational June 2022	SBR
46	Bhopal (JamoniyaChhira Shahpura)	3.5	2.26	0.45	AMRUT, Operational July 2022	SBR
47	Budhni (Near Dindayal convent school)	2.2	1.03	0.21	Vishesh Nidhi, Operational July 2022	SBR
48	Budhni (Vill-Mana)	1.08	1.00	0.10	Vishesh Nidhi, Operational July 2022	Devorts
49	Neemuch (Bus Stand)	7	3.19	0.64	AMRUT, Operational July 2022	SBR
50	Neemuch (Nr Ravanrundi)	9.5	2.25	0.45	AMRUT, Operational July 2022	SBR
51	Bhopal (Makshi, Kolar)	20.5	14.10	2.82	AMRUT, Operational Aug 2022	SBR
52	Jabalpur (Zone II Khatonda)	32	10.64	2.13	AMRUT, Operational Nov 2022	SBR
53	Datia (Ward 14, Nr Sewda)	12	3.37	0.67	AMRUT, Operational Dec 2022	SBR
54	Sagar (Patharia Hat)	43	12.70	4.60	AMRUT, Operational Mar 2023	SBR
55	Jabalpur Zone 5	29	0.35	1.00	AMRUT, Operational Mar 2024	SBR
56	Mandla	0.5	0.4	0.12	Operational	SBR
57	Bhedaghat	0.43	0.4		World Bank, Operational Dec 2023	Phytorid
58	Bhedaghat	0.12	0.1		World Bank, Operational Dec 2023	Phytorid
59	Bhedaghat	0.22	0.2		World Bank, Operational Dec 2023	Phytorid
60	Bhedaghat	0.06	0.05		World Bank, Operational Dec 2023	Phytorid
61	Bhedaghat	0.06	0.05		World Bank, Operational Dec 2023	Phytorid
62	Ujjain (Salsa Village)	92.5	1.5		AMRUT, Operational April 2024	SBR
63	Omkareshwar (Near Vridhashram)	0.55	0.2		Vishesh Nidhi , Operational July 2024	
64	Amarkantak	1.2	0.6		World Bank, Operational July 2024	SBR
65	Shivpuri(Ghasari)	20	3		PHE	SBR

Details of Operational STPs in the State				Annexure -7		
S. No.	Location	Existing STP Capacity (MLD)	Average Capacity Being Utilized (MLD)	Reuse (MLD)	Operational Status of STP	Technology
66	Jabalpur(Zone three and four at Lalpur)	34	5		AMRUT,	SBR
67	Omkareshwar(Trenching Ground, Village M)	0.45	0.1		Vishesh Nidhi	
68	Shajapur	11.2	2		World Bank,	SBR
Total		1472.79	876.82	356.784		

Details of Under Construction STPs in the State

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Annexure- 8

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in Aug %	Status	Completion Timeline	Scheme	Cost (Cr)
1	Guna	P H E Guest House	7.6	95	Work in progress	Dec-24	AMRUT	81.09
2	Guna	Saket Pura	14.65	96	Work in progress	Dec-24		81.09
3	Murwara (Katni)	Madhav Nagar	7.5	72	Balance Work in progress	Dec-24		121.57
4	Murwara (Katni)	Katyaghat	6	8	Balance Work in progress	Dec-24		
5	Murwara (Katni)	Kuthla Bus Stand	11	8	Balance Work in progress	Dec-24		
6	Rewa	Vivekanand Nagar Nallah	6.5	58	Balance Work in progress	Mar-25		
7	Rewa	Bichiya Laxman Bagh Road	6.5	40	Balance Work in progress	Mar-25		
8	Rewa	Vibhishan Nagar	3	-	Land issue	Mar-25		244.53
9	Rewa	Laxman Bagh Road	9	33	Balance Work in progress	Mar-25		
10	Rewa		12		STP completed under JNNURM, Network Under AMRUT remaining	Mar-25		
11	Satna	Zone I Dhawari	15	86	Balance Work in progress	Dec-24		215.89
12	Satna	Zone II Nazirabad Mela Mod	16	57	Balance Work in progress	Dec-24		
13	Satna	Zone III Kripalpur	11	70	Balance Work in progress	Dec-24		
14	Singrauli	Ward 43 Near Nirvah Colony	11	85	Balance Work in progress.	Dec-24		
15	Singrauli	Ward 29 Near Devera Village	10	23	Balance Work in progress.	Mar-25		126.33
16	Singrauli	Ward 32 Navjivan Vihar Colony	10	46	Balance Work in progress.	Dec-24		
17	Jabalpur (Civil Lines)	Civil Line	5	2	Work in progress	Dec-24		
18	Chhindwara	Ward No.35	28	99	Work in progress	Sep-24	World Bank	218.45
19	Maheshwar	Maheshwar	4.91	48	Work in progress	Dec-24		44.83
20	Nasrullaganj	Ward No.6	4.2	99	Work in progress	Sep-24		39.01
21	Shahdol	Near Murna Nalla	17	75	Work in progress	Dec-24		172.61
22	Mandleshwar	Mandleshwar	3	86	Work in progress	Sep-24		23.27

Details of Under Construction STPs in the State

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Annexure- 8

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in Aug %	Status	Completion Timeline	Scheme	Cost (Cr)
23	Nemawar	Village Nemawar	1	53	Work in progress	Sep-24		12.72
24	Chitrakoot	Village Manjhgawa	4.7	99	Work in progress	Oct-24		35.19
25	Dindori	Vill-Sukharmaal	3.85	95	Work in progress	Sep-24		26.75
26	Hoshangabad	Kishanpur, Rashulia	21	22	Work in progress	Nov-24	KFW	170.98
27	Mandla	Ward No. 23,	7.75	66	Work in progress	Apr-25		107.72
28	Mandla	Village Gaunjhi	1.75	66	Work in progress	Apr-25		
29	Narsingpur	Dedwara Region, Near WTP	6.25	78	Work in progress	Sep-24		105.46
30	Narsingpur	Naktua Region, Near Jail	2.75	78	Work in progress	Sep-24		
31	Badwani	Bheelkhera	9	60	Work in progress	Jun-25		105.18
32	Sendhwa	Village Semalia	8.5	60	Work in progress	Dec-24		78.55
33	Barwaha	Near Trenching Ground, Ward no. 2, Barwaha	3.75	67.5	Work in progress	Oct-24	ADB	43.95
34	Anjad	Gram Panchayat Palasia, Anjad	3.66	86	Work in progress	Oct-24	ADB	30.56
35	Saikheda	Ward no. 14, near Girl's Hostel, Saikheda,	2.6	96	Work in progress	Sep-24	ADB	33.74
36	Sanavad	Sanavad	5.58	26	Work in progress	Dec-24	ADB	43.95
37	Khajuraho	Khajuraho	4.56	-	Work in progress	Aug-26	ADB	93.59
38	Rajnagar	Rajnagar	2.82	-	Work in progress	Aug-26		
39	Maihar	Maihar	14.5	-	Work in progress	Sep-26	ADB	145.83
40	Sanchi	Sanchi	2.1	-	Work in progress	Jul-27	ADB	
41	Dhamnod	Dhamnod	6.68	12	Work in progress	Aug-26	ADB	
42	Unhel	Unhel	1	0	Work in progress	Aug-26	SBM 2.0	5.3
43	Alirajpur	Alirajpur	3	0	Work in progress	Aug-26	SBM 2.1	6.82
44	Meghnagar	Meghnagar	0.45	0	Work in progress	Aug-26	SBM 2.0	3.84
45	Meghnagar	Meghnagar	0.55	0	Work in progress	Aug-26		

Details of Under Construction STPs in the State

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Annexure-8

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in Aug %	Status	Completion Timeline	Scheme	Cost (Cr)
46	Mangrauni	Mangrauni	1	0	Work in progress	Sep-26	SBM 2.0	5.82
47	Maksi (NP)	Maksi (NP)	1.6	0	Work in progress	Aug-26	SBM 2.0	5.2
		Total Capacity (MLD)	339.26					2348.73

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
1	Indore	3	195	Financial Opened	NMCG	511.15
2	Indore	3	120	DPR approved	AMRUT 2.0.	568.02
3	Ujjain	2	24.38	Technical Evaluation Pending	NMCG	92.78
4	Ujjain	1	8	Tender floating	AMRUT 2.0.	450
5	Nagda	2	1.35	Tender floating	AMRUT 2.0.	76.31
6	Dewas	3	3	Tender floating	AMRUT 2.0.	68.19
7	Vidisha	1	1	Tender floating	AMRUT 2.0.	19.9
8	Sehore	2	4.1	Tender floating	AMRUT 2.0.	25.78
9	Bhopal	6	76	Tender floating	AMRUT 2.0.	345.09
10	Bhurhanpur	1	18	Tender floating	AMRUT 2.0.	72.25
11	Bhainsdehi	1	1.5	Tender in progress	SBM 2.0	3.52
12	Shahpur	2	0.7	Tender in progress	SBM 2.0	3.81
13	BERASIA	1	3	Retendering	SBM 2.0	8.15
14	Sirali	1	0.7	Tender in progress	SBM 2.0	3.29
15	Vankhedi	1	3	Tender in progress	SBM 2.0	4.93
16	BARELI	1	3.5	Technical Evaluation Pending	SBM 2.0	7.15
17	Obedullaganj (NP)	1	2.7	Tender in progress	SBM 2.0	6.56
18	RAISEN	1	5	Retendering	SBM 2.0	13.19
19	Khujner (NP)	1	0.6	Tender in progress	SBM 2.0	2.7
20	ASHTA	2	6.5	Retendering	SBM 2.0	23.43
21	Ichhawar (NP)	1	1	Retendering	SBM 2.0	4.91
22	Jawar (NP)	1	0.5	Tender in progress	SBM 2.0	3.27
23	Kothri (NP)	1	0.6	Technical Evaluation Pending	SBM 2.0	2.81
24	Rehti	1	1.35	Retendering	SBM 2.0	3.98
25	Shahganj	1	0.5	Technical Evaluation Pending	SBM 2.0	2.39
26	Kurwai (NP)	1	1.25	Technical Evaluation Pending	SBM 2.0	5.01

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S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
27	Lateri (NP)	1	2	Technical Evaluation Pending	SBM 2.0	5.34
28	Shamshabad (NP)	1	0.8	Technical Evaluation Submitted	SBM 2.0	4.17
29	CHANDERI	2	4	Tender in progress	SBM 2.0	9.34
30	Mungaoli (NP)	1	4	Technical Evaluation Pending	SBM 2.0	8.76
31	Piparai	1	3	Technical Evaluation Pending	SBM 2.0	6.97
32	Akoda (NP)	1	1.3	Tender in progress	SBM 2.0	3.52
33	Daboh (NP)	1	2	Technical Evaluation Pending	SBM 2.0	4.88
34	Gormi (NP)	1	3	Tender in progress	SBM 2.0	5.54
35	LAHAR	2	4	Tender in progress	SBM 2.0	9.09
36	Mihona (NP)	1	2.7	Technical Evaluation Pending	SBM 2.0	5.19
37	Phuphkalan (NP)	1	1.7	Tender in progress	SBM 2.0	3.47
38	Seondha (NP)	2	1.6	Technical Evaluation Pending	SBM 2.0	6.71
39	Aron (NP)	1	3.5	Technical Evaluation Pending	SBM 2.0	8.88
40	Kumbhraj (NP)	2	2	Tender in progress	SBM 2.0	6.96
41	Pichhore (NP)	1	0.7	Tender in progress	SBM 2.0	5.1
42	Jhundpura (NP)	1	1	Tender in progress	SBM 2.0	3.61
43	SABALGARH	1	6	Technical Evaluation Pending	SBM 2.0	10.22
44	Badoda (NP)	1	1	Technical Evaluation Pending	SBM 2.0	5.19
45	Bijaypur	2	1.25	Technical Evaluation Pending	SBM 2.0	4.98
46	Karera (NP)	1	2	Technical Evaluation Pending	SBM 2.0	8.07
47	Khaniyadhana (NP)	1	1	Technical Evaluation Pending	SBM 2.0	4.53
48	Pichhore (NP)	1	0.7	Tender in progress	SBM 2.0	3.61
49	Jobat (NP)	1	0.75	Tender in progress	SBM 2.0	2.86
50	Niwali Burjurg	1	1.5	Retendering	SBM 2.0	4.01
51	Palsud (NP)	1	0.8	Technical Evaluation Pending	SBM 2.0	2.9
52	Pansemal (NP)	1	0.8	Tender in progress	SBM 2.0	3.06
53	Thikari	1	2	Tender in progress	SBM 2.0	5.14

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S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
54	NEPANAGAR	2	3.7	Technical Evaluation Pending	SBM 2.0	8.22
55	Shahpur (NP)	1	1.5	Tender in progress	SBM 2.0	4.45
56	Rajgarh (NP)	1	2.5	Tender in progress	SBM 2.0	5.54
57	Sardarpur (NP)	1	1	Tender in progress	SBM 2.0	2.89
58	Betma (NP)	1	2.5	Technical Evaluation Pending	SBM 2.0	4.56
59	Hatod (NP)	1	1.5	Technical Evaluation Pending	SBM 2.0	3.53
60	Manpur (NP)	1	0.5	Technical Evaluation Pending	SBM 2.0	2.29
61	MHOWGAON	1	1.5	Tender in progress	SBM 2.0	7.93
62	Runji-Gautampura (NP)	1	1	Technical Evaluation Pending	SBM 2.0	4.2
63	Petlawad (NP)	1	1	Tender in progress	SBM 2.0	5.96
64	Ranapur (NP)	1	0.6	Tender in progress	SBM 2.0	4.31
65	Thandla (NP)	1	1	Retendering	SBM 2.0	4.12
66	Bistaan	1	0.8	Retendering	SBM 2.0	3.57
67	Kasrawad (NP)	1	2.5	Tender in progress	SBM 2.0	5.3
68	Baihar (NP)	1	1.5	Technical Evaluation Pending	SBM 2.0	4.69
69	Katangi (NP)	1	1.5	Technical Evaluation Pending	SBM 2.0	4.26
70	MALAJKHAND	1	4.5	Technical Evaluation Pending	SBM 2.0	9.62
71	Bichua	1	0.7	Technical Evaluation Pending	SBM 2.0	4.2
72	Chandameta- Butaria (NP)	1	1.5	Tender in progress	SBM 2.0	4.98
73	Chaurai Khas (M)	1	1.5	LoA Pending	SBM 2.0	4.6
74	Damua (M)	1	2.9	LoA Pending	SBM 2.0	6.35
75	Harrai (NP)	1	1.3	Retendering	SBM 2.0	3.39
76	Jamai (M)	1	3	Technical Evaluation Pending	SBM 2.0	6.07
77	Neuton Chikhli Kalan (NP)	1	1	Technical Evaluation Pending	SBM 2.0	3.57
78	Katangi (NP)	1	1.5	Technical Evaluation Pending	SBM 2.0	5.33
79	Majholi (NP)	1	1	Technical Evaluation Pending	SBM 2.0	3.86
80	Panagar (M)	1	3.7	Technical Evaluation Pending	SBM 2.0	6.9

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S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
81	Bamhani (NP)	1	1	Technical Evaluation Pending	SBM 2.0	4.02
82	Bichhiya (NP)	1	1	Technical Evaluation Pending	SBM 2.0	3.03
83	Niwas (NP)	1	1	Technical Evaluation Pending	SBM 2.0	3.27
84	Chichli	1	1.65	Retendering	SBM 2.0	4.02
85	GADARWARA	1	5.5	Technical Evaluation Pending	SBM 2.0	12.66
86	Gotegaon (NP)	1	3.5	Technical Evaluation Pending	SBM 2.0	8.42
87	Salichouka(Bawaikalan)	1	0.8	Tender in progress	SBM 2.0	3.58
88	Barghat (NP)	1	1.3	Technical Evaluation Pending	SBM 2.0	3.66
89	Kewlari	1	3	Technical Evaluation Pending	SBM 2.0	7.14
90	BIJURI	3	1.65	Tender in progress	SBM 2.0	9.81
91	Chakghat (NP)	1	1	Tender in progress	SBM 2.0	3.51
92	Gurh (NP)	1	1	Tender in progress	SBM 2.0	3.98
93	Mangawan (NP)	1	1	Tender in progress	SBM 2.0	3.45
94	Amarpatan (NP)	1	0.75	Tender in progress	SBM 2.0	5.26
95	Rampur Baghelan (NP)	1	0.7	Tender in progress	SBM 2.0	3.81
96	Unchahara	1	0.8	Tender in progress	SBM 2.0	5.11
97	DHANPURI	3	1.7	Tender in progress	SBM 2.0	9.94
98	SIDDHI	2	6	Technical Evaluation Pending	SBM 2.0	15.09
99	UMARIYA	2	1.2	Tender in progress	SBM 2.0	8.72
100	Bada Malhera (NP)	1	1.3	Tender in progress	SBM 2.0	7
101	Bijawar (NP)	1	1.5	Technical Evaluation Pending	SBM 2.0	4.78
102	Buxwaha (NP)	1	0.55	Retendering	SBM 2.0	3.1
103	Garhi - Malhera (NP)	1	0.9	Tender in progress	SBM 2.0	3.6
104	Ghuwara (NP)	1	0.7	Retendering	SBM 2.0	2.97
105	Harpalpur (NP)	1	0.9	Tender in progress	SBM 2.0	4.26
106	Warigarh	1	0.5	Tender in progress	SBM 2.0	2.42
107	Patharia (NP)	1	2.35	Tender in progress	SBM 2.0	5.62

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S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
108	Amanganj (NP)	1	1	Retendering	SBM 2.0	3.11
109	Kakarhati (NP)	1	1.2	Retendering	SBM 2.0	3.54
110	Baandri	1	4	Technical Evaluation Pending	SBM 2.0	5.91
111	GARHAKOTA	1	4	Technical Evaluation Submitted	SBM 2.0	10.81
112	REHLI	1	3.4	Technical Evaluation Submitted	SBM 2.0	8.21
113	Shahpur (NP)	1	1.3	Tender in progress	SBM 2.0	4.95
114	AGAR	1	3.35	Technical Evaluation Pending	SBM 2.0	8.42
115	Badagaon (NP)	1	0.5	Tender in progress	SBM 2.0	2.54
116	Kanad (NP)	1	0.7	Technical Evaluation Pending	SBM 2.0	2.99
117	Nalkheda (NP)	1	2	Tender in progress	SBM 2.0	5.46
118	Soyatkalan (NP)	1	1	LoA Pending	SBM 2.0	4.18
119	Susner (NP)	1	1	Technical Evaluation Pending	SBM 2.0	4.07
120	Tonk Khurd	1	0.85	Retendering	SBM 2.0	3.48
121	Sitamau (NP)	1	1	Technical Evaluation Pending	SBM 2.0	3.92
122	Manasa (NP)	1	3.5	Tender in progress	SBM 2.0	9.32
123	Nayagaon	1	1	Tender in progress	SBM 2.0	3.82
124	Badawada (NP)	1	0.6	Tender in progress	SBM 2.0	2.42
125	Namli (NP)	1	0.7	Retendering	SBM 2.0	2.69
126	Piplodha	1	0.6	Retendering	SBM 2.0	2.32
127	Tal (NP)	1	1.2	Technical Evaluation Pending	SBM 2.0	4.24
128	Akodia (NP)	1	0.85	Technical Evaluation Pending	SBM 2.0	3.17
129	Pankhedi (Kalapipal)	1	1	Technical Evaluation Pending	SBM 2.0	3.25
130	Polaykalan (NP)	1	0.9	Technical Evaluation Pending	SBM 2.0	3.46
131	BADNAGAR	1	4	Technical Evaluation Pending	SBM 2.0	11.29
132	KHACHROD	1	3.5	LoA Pending	SBM 2.0	8.16
133	MAHIDPUR	1	3	Technical Evaluation Pending	SBM 2.0	7.07
134	Tarana (NP)	1	2.5	LoA Pending	SBM 2.0	6.59
135	AMLA	1	4.2	DPR approved	SBM 2.0	8.64
136	Ghodadogri	1	0.6	DPR approved	SBM 2.0	3.24
137	Khirkiya (NP)	1	3	DPR approved	SBM 2.0	7.09
138	Badi (NP)	1	2.3	DPR approved	SBM 2.0	5.51
139	BEGUMGANJ	1	3.5	DPR approved	SBM 2.0	10.58
140	Sultanpur (NP)	1	1.2	DPR approved	SBM 2.0	5.09
141	Jeerapur (NP)	2	2.5	DPR approved	SBM 2.0	7.02
142	Machalpur (NP)	1	0.6	DPR approved	SBM 2.0	2.66
143	Pachore (NP)	1	3	DPR approved	SBM 2.0	8.47
144	GANJBASODA	1	9.5	DPR approved	SBM 2.0	22.84
145	Alampur (NP)	1	0.7	DPR approved	SBM 2.0	3.25

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
146	Indergarh (NP)	1	1	DPR approved	SBM 2.0	6.48
147	Madhusudangarh	1	1.5	DPR approved	SBM 2.0	5.24
148	RADHOGARH	4	4.9	DPR approved	SBM 2.0	27.82
149	Bhitarwar (NP)	1	2.5	DPR approved	SBM 2.0	7.13
150	Kailaras (NP)	1	4.5	DPR approved	SBM 2.0	8.07
151	Badarwas (NP)	1	1	DPR approved	SBM 2.0	3.81
152	Rannod	1	0.8	DPR approved	SBM 2.0	3.44
153	Khetia (NP)	1	2	DPR approved	SBM 2.0	4.56
154	Rajpur (NP)	1	1.5	DPR approved	SBM 2.0	5.22
155	Badnawar (NP)	1	3	DPR approved	SBM 2.0	13.11
156	MANAVAR	1	4.5	DPR approved	SBM 2.0	8.6
157	Depalpur (NP)	1	2.5	DPR approved	SBM 2.0	5.34
158	JHABUA	1	5	DPR approved	SBM 2.0	10.74
159	Mundi (NP)	1	2	DPR approved	SBM 2.0	3.71
160	Pandhana (NP)	1	2	DPR approved	SBM 2.0	4.7
161	Bhikangaon (NP)	1	2.5	DPR approved	SBM 2.0	3.61
162	Badkuhi (NP)	1	1	DPR approved	SBM 2.0	3.28
163	Chand	1	1.1	DPR approved	SBM 2.0	4.24
164	DONGAR PARASIYA	1	5.5	DPR approved	SBM 2.0	11.99
165	Lodhikheda (NP)	1	1.3	DPR approved	SBM 2.0	3.4
166	Mohgaon (NP)	1	1	DPR approved	SBM 2.0	4.07
167	Sausar (M)	1	3	DPR approved	SBM 2.0	6.98
168	Shahpura (NP)	1	1	DPR approved	SBM 2.0	2.91
169	Vijayraghavgarh (NP)	1	1.1	DPR approved	SBM 2.0	3.66
170	Tendukheda (NP)	1	1.6	DPR approved	SBM 2.0	4.63
171	Chapara	1	1.24	DPR approved	SBM 2.0	4.02
172	Lakhnadon (NP)	1	2.3	DPR approved	SBM 2.0	4.5
173	Anuppur (M)	1	2.5	DPR approved	SBM 2.0	5.69
174	KOTMA	1	4	DPR approved	SBM 2.0	6.63
175	Pasan (M)	1	4	DPR approved	SBM 2.0	8.84
176	Dabhoura	1	0.5	DPR approved	SBM 2.0	2.34
177	Jaitwara (NP)	1	0.5	DPR approved	SBM 2.0	2.71
178	Nagod (NP)	1	2	DPR approved	SBM 2.0	7.09
179	Jaisinghnagar (NP)	1	0.6	DPR approved	SBM 2.0	2.32
180	Khand(Bansagar) (NP)	1	0.7	DPR approved	SBM 2.0	2.86
181	Rampur Naikin (NP)	1	1	DPR approved	SBM 2.0	3.62
182	Chandia (NP)	1	0.8	DPR approved	SBM 2.0	4.5
183	Manpur	1	1	DPR approved	SBM 2.0	5.56
184	Nowrozabad (Khodargama) (NP)	1	1.3	DPR approved	SBM 2.0	6.23
185	Pali (NP)	2	1.5	DPR approved	SBM 2.0	7.09
186	HATTA	1	3.6	DPR approved	SBM 2.0	8.15

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S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme	Cost (Cr)
187	Hindoria (NP)	1	1.65	DPR approved	SBM 2.0	4.16
188	RAHATGARH	1	4.5	DPR approved	SBM 2.0	9.87
189	Bhaurasa (NP)	1	1	DPR approved	SBM 2.0	3.73
190	Suwasara (NP)	1	0.9	DPR approved	SBM 2.0	3.73
191	Alot (NP)	1	2.1	DPR approved	SBM 2.0	6.55
192	Dhamnod_R	1	0.55	DPR approved	SBM 2.0	2.36
193	Sailana	1	1	DPR approved	SBM 2.0	3.24
Total		226	805.57			3273.9

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Annexur 9

S. No.	ULB	Population in 2020	Waste water generation in (MLD)	Treatment facility available	Average capacity being utilized	Untreated Waste water in MLD	Under Constrution STP	Complition time line	Name of the Schemes	Remark
1	Betul	115101	12.43	0		-12.43			Amrut 2.0	DPR under preparation in Amrut 2.0
2	Bhind	236912	25.59	12	7.21	-13.59			Amrut	DPR under preparation in Amrut 2.0
3	Bhopal	2151532	232.37	177.6	107.64	-54.77			Amrut	Under tendering in Amrut 2.0
4	Burhanpur	256910	27.75	25.5	14.38	-2.25			Amrut	Under tendering in Amrut 2.0
5	Chattarpur	160593	17.34	0		-17.34			Amrut	DPR under preparation in Amrut 2.0
6	Chhindwara	197235	21.30	28	14	6.70			MPUDC- World Bank	Under tendering in Amrut 2.0
7	Dabra	72768	7.86	0		-7.86			Amrut	DPR under preparation in Amrut 2.0
8	Damoh	157693	17.03	0		-17.03			Amrut	DPR under preparation in Amrut 2.0
9	Datia	119089	12.86	12	3.37	-0.86			Amrut	DPR under preparation in Amrut 2.0
10	Dewas	328280	35.45	48	14.17	12.55			Amrut	Under tendering in Amrut 2.0
11	Guna	214864	23.21	0		-23.21	22.25	Dec-24	Amrut	DPR under preparation in Amrut 2.0
12	Gwalior	1252145	135.23	222	138.81	86.77			Amrut	DPR under preparation in Amrut 2.0
13	Hoshangabad	131429	14.19	0		-14.19	21.00	Nov-24	MPUDC -KFW	DPR under preparation in Amrut 2.0
14	Indore	2429654	262.40	412	376.37	149.60			Amrut	NMCG project awarded. AMRUT 2.0 DPR approved
15	Jabalpur	1218747	131.62	151.05	33.7	19.43	5.00	Dec-24	Amrut	DPR under preparation in Amrut 2.0
16	Katni	250000	27.00			-27.00	24.50	Dec-24	Amrut	DPR under preparation in Amrut 2.0
17	Khandwa	244547	26.41	0		-26.41			Amrut	DPR under preparation in Amrut 2.0
18	Khargone	141499	15.28	17.6	6.1	2.32			Amrut	DPR under preparation in Amrut 2.0

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19	Mandsaur	160616	17.35	25		7.65			Amrut	DPR under preparation in Amrut 2.0
20	Morena	240386	25.96	23	15.4	-2.96			Amrut	DPR under preparation in Amrut 2.0
21	Nagda	113420	12.25	16		3.75			Amrut	AMRUT 2.0 under tendering, NMCG-under tendering
22	Neemuch	145757	15.74	16.5	5.44	0.76			Amrut	DPR under preparation in Amrut 2.0
23	Pithampur	153742	16.60	0		-16.60			Amrut	DPR under preparation in Amrut 2.0
24	Ratlam	300349	32.44	37.5	19.31	5.06			Amrut	DPR under preparation in Amrut 2.0
25	Rewa	270493	29.21			-29.21	37	Mar-25	Amrut	DPR under preparation in Amrut 2.0
26	Sagar	310226	33.50	43	12	9.50			Amrut	DPR under preparation in Amrut 2.0
27	Satna	324812	35.08			-35.08	42	Dec-24	Amrut	DPR under preparation in Amrut 2.0
28	Sehore	130558	14.10	12	6.96	-2.10			Amrut	Under tendering in Amrut 2.0
29	Seoni	115312	12.45	0		-12.45			Amrut	DPR under preparation in Amrut 2.0
30	Shivpuri	213726	23.08	20	3	-3.08			Amrut	DPR under preparation in Amrut 2.0
31	Singrauli	252820	27.30	28.22	13	0.92	31.00	Dec-24	Amrut	DPR under preparation in Amrut 2.0
32	Ujjain	584130	63.09	175.5	71.5	112.41			Amrut	AMRUT 2.0 Under tendering, NMCG-under tendering
33	Vidisha	186592	20.15	22.25	20	2.10			Amrut	Under tendering in Amrut 2.0
34	Dharampuri	19934.06112	1.116307423	2.5	1.63	1.38			MPUDC-World Bank	
35	Barwani	67617.19296	7.30265684	0		-7.30	9	Jun-25	MPUDC -KFW	
36	Sendhwa	68812.2864	7.431726931			-7.43	8.5	Dec-24	MPUDC -KFW	
37	Anjad	32026.31136	3.458841627			-3.46	3.66	Oct-24	MPUDC -ADB	
38	Sanavad	47194.6176	5.097018701			-5.10	5.58	Dec-24	MPUDC -ADB	
39	Badwah	32233.41216	3.481208513			-3.48	3.46	Oct-24	MPUDC -ADB	
40	Mandleshwar	15036.73632	0.842057234			-0.84	3	Sep-24	MPUDC- World Bank	
41	Maheshwar	29738.45664	3.211753317			-3.21	4.91	Dec-24	MPUDC- World Bank	
42	Omkareshwar	12259.14912	0.686512351	1	0.5	0.31			MPUDC-Vishesh Nidhi	
43	Nemawar	6777.61728	0.379546568			-0.38	1	Sep-24	MPUDC- World Bank	

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44	Shajapur	78527.61888	8.480982839	11.25	2	2.77			MPUDC-World Bank
45	Budni	20110.43584	1.126184407	3.28	2.03	2.15			MPUDC-Vishesh Nidhi
46	Nasrullahganj	28461.86624	1.593864509			-1.59	4.2	Sep-24	MPUDC- World Bank
47	Chitrakoot	26763.03744	1.498730097			-1.50	4.7	Oct-24	MPUDC- World Bank
48	Amarkantak	9019.25888	0.505078497	1.2	0.6	0.69			MPUDC-World Bank
49	Bhedaghat	7500.57504	0.420032202	0.89	0.8	0.47			MPUDC-World Bank
50	Narsingpur	67564.89152	7.297008284			-7.30	9	Aug-24	MPUDC -KFW
51	Saikheda	10818.76544	0.605850865			-0.61	2.6	Aug-24	MPUDC -ADB
52	Mandla	62119.45376	6.708901006	0.5	0.3	-6.21	9.5	Apr-25	MPUDC -KFW
53	Dindori	24025.05056	1.345402831			-1.35	3.85	Sep-24	MPUDC -ADB
54	Khajuraho	27661.57152	1.55			-1.55	4.56	Aug-26	MPUDC -ADB
55	Rajnagar	16104.74976	0.901865987			-0.90	2.82	Aug-26	MPUDC -ADB
56	Maihar	46133.98528	4.98247041			-4.98	14.5	Sep-26	MPUDC -ADB
57	Sanchi	10051.62848	0.562891195			-0.56	2.1	Jul-27	MPUDC -ADB
58	Dhamnod	9456.69216	0.529574761			-0.53	6.68	Apr-26	MPUDC -ADB

Proposed Under SBM-2.0 (U) Used Water Management

Division	District	ULB	Population 2020	Waste water in 2020 (MLD)	Treatment facility available/ being developed	Untreated Waste water	Capacity of STP Proposed (in MLD)	Number of STP Proposed	Individual capacity of STP Proposed (in MLD)	
Gwalior	Gwalior	Pichhore	14754.94	0.83	0.00	0.83	1.50	1.00	1.50	
		Bilaua	15310.70	0.86	0.00	0.86	1.10	2.00	0.6, 0.5	
		Antri	11814.64	0.66	0.00	0.66	1.00	2.00	0.5,0.5	
		Bitarwar	22676.88	1.27	0.00	1.27	2.00	2.00	1.0, 1.0	
	Shivpuri	Mihona	9915.79	0.56	0.00	0.56	1.55	1.00	1.60	
		Shivpuri	213726.29	23.08	0.00	23.08	0.00	0.00	0.00	
		Karera	34087.76	3.68	0.00	3.68	3.00	1.00	3.00	
		Narwar	23020.08	1.29	0.00	1.29	2.00	1.00	2.00	
		Kolaras	23490.33	1.32	0.00	1.32	2.00	1.00	2.00	
		Badarwas	16115.83	0.90	0.00	0.90	1.50	1.00	1.50	
		Khaniadhana	18854.26	1.06	0.00	1.06	2.00	1.00	2.00	
		Pichhore	21526.18	1.21	0.00	1.21	1.50	1.00	1.50	
		Bairad	4866.46	0.27	0.00	0.27	2.00	1.00	2.00	
		Guna	214863.93	23.21	22.25	0.96	0.00	0.00	0.00	
	Guna	Radhogarh	73819.81	7.97	0.00	7.97	9.50	2.00	6, 3.5	
		Aron	33262.44	3.59	0.00	3.59	3.00	2.00	1.5, 1.5	
		Chachodabinaganj	25959.19	1.45	0.00	1.45	2.50	2.00	1.5, 1.0	
		Kumbhraj	23402.46	1.31	0.00	1.31	2.00	2.00	1.0, 1.0	
	Ashoknagar	Ashoknagar	97172.39	10.49	0.00	10.49	11.00	1.00	11.00	
		Chanderi	39284.35	4.24	0.00	4.24	3.50	1.00	3.50	
		Esagarh	14942.56	0.84	0.00	0.84	1.50	1.00	1.50	
		Mungaoli	31103.52	3.36	0.00	3.36	3.00	1.00	3.00	
	Gwalior	Datia	Shadora	8375.58	0.47	0.00	0.47	1.50	1.00	1.50
			Datia	119089.26	12.86	12.00	0.86	0.00	0.00	0.00
Badoni			12242.14	0.69	0.00	0.69	1.00	1.00	1.00	
Indergarh			27366.40	1.53	0.00	1.53	2.50	1.00	2.50	
Seondha			27479.21	1.54	0.00	1.54	2.50	1.00	2.50	
Bhind		Bhander	29930.25	3.23	0.00	3.23	3.00	1.00	3.00	
		Bhind	236912.32	25.59	12.00	13.59	0.00	0.00	0.00	
		Akoda	15028.77	0.84	0.00	0.84	1.50	1.00	1.50	
		Gohad	70670.22	7.63	0.00	7.63	7.00	2.00	5, 2	
		Mau	24157.06	1.35	0.00	1.35	2.50	1.00	2.50	
		Lahar	42774.55	4.62	0.00	4.62	5.00	3.00	2, 1.5, 1.5	
		Mihona	20305.74	1.14	0.00	1.14	1.60	1.00	1.60	
		Alampur	12812.94	0.72	0.00	0.72	1.50	1.00	1.50	
		Daboh	21699.03	1.22	0.00	1.22	2.00	1.00	2.00	
		Mehgaon	25581.52	1.43	0.00	1.43	2.30	1.00	2.30	
Morena		Gormi	24989.19	1.40	0.00	1.40	2.00	1.00	2.00	
		Phuphkalan	15176.25	0.85	0.00	0.85	1.30	1.00	1.30	
		Morena	240385.94	25.96	23.00	2.96	0.00	0.00	0.00	
		Bamore	39374.08	4.25	0.00	4.25	4.00	1.00	4.00	
		Ambah	56567.11	6.11	0.00	6.11	5.50	2.00	3.5, 2	
		Porsa	47564.72	5.14	0.00	5.14	4.00	3.00	1.5, 1.5, 1.0	
		Sabalgarh	48360.88	5.22	0.00	5.22	5.00	1.00	5.00	
		Jhundpura	11754.19	0.66	0.00	0.66	1.00	1.00	1.00	
Sheopur		Jaura	50543.13	5.46	0.00	5.46	5.00	1.00	5.00	
	Kailaras	31079.12	3.36	0.00	3.36	3.00	1.00	3.00		
	Sheopur	86272.13	9.32	0.00	9.32	10.00	2.00	5, 5		
	Badoda	22106.70	1.24	0.00	1.24	1.70	2.00	0.7, 1.0		

Indore	Indore	Bijaypur	20340.51	1.14	0.00	1.14	1.50	2.00	0.5, 1.0	
		Indore	2429654.20	262.40	404.00	-	0.00	0.00	0.00	
		Sanwer	19674.58	1.10	0.00	1.10	2.00	1.00	2.00	
		Depalpur	21287.53	1.19	0.00	1.19	1.75	1.00	1.75	
		Gautampura	17766.81	0.99	0.00	0.99	1.45	1.00	1.45	
		Betma	19490.62	1.09	0.00	1.09	1.60	1.00	1.60	
		Hathod	12700.15	0.71	0.00	0.71	1.00	1.00	1.00	
		Manpur	9284.21	0.52	0.00	0.52	1.00	1.00	1.00	
		Mhowgaon	36561.82	3.95	0.00	3.95	4.00	1.00	4.00	
	Rau	43923.64	4.74	0.00	4.74	5.00	1.00	5.00		
	Dhar	Dhar	114413.45	12.36	0.00	12.36	15.00	1.00	15.00	
		Pithampur	153741.89	16.60	0.00	16.60	0.00	0.00	0.00	
		Manavar	37025.97	4.00	0.00	4.00	4.00	1.00	4.00	
		Kukshi	34513.96	3.73	0.00	3.73	3.00	1.00	3.00	
		Dahi	10366.00	0.58	0.00	0.58	1.00	1.00	1.00	
		Badnawar	25481.93	1.43	0.00	1.43	2.50	1.00	2.50	
		Dharampuri	19934.06	1.12	2.50	-	0.00	0.00	0.00	
		Mandav	12982.78	0.73	0.00	0.73	1.50	1.00	1.50	
		DHAMNOD_D	39096.98	4.22	0.00	4.22	0.00	0.00	0.00	
		Sardarpur	8884.62	0.50	0.00	0.50	1.00	1.00	1.00	
		Rajgarh_D	25178.58	1.41	0.00	1.41	2.50	1.00	2.50	
		Barwani	BADWANI	67617.19	7.30	9.00	-	0.00	0.00	0.00
			Sendhwa	68812.29	7.43	8.50	-	0.00	0.00	0.00
	Anjad		32026.31	3.46	3.66	-	0.00	0.00	0.00	
	Rajpur		25518.47	1.43	0.00	1.43	2.50	1.00	2.50	
	Khetia		19179.97	1.07	0.00	1.07	2.00	1.00	2.00	
	Panseml		14821.11	0.83	0.00	0.83	1.00	1.00	1.00	
	Palsud		12320.06	0.69	0.00	0.69	1.00	1.00	1.00	
	Indore	Jhabua	Jhabua	43555.73	4.70	0.00	4.70	4.50	1.00	4.50
			Ranapur	15070.85	0.84	0.00	0.84	1.50	1.00	1.50
			Thandla	19194.59	1.07	0.00	1.07	2.00	1.00	2.00
			Petlawad	18485.57	1.04	0.00	1.04	2.00	1.00	2.00
			Meghnagar	15750.62	0.88	0.00	0.88	1.50	1.00	1.50
Alirajpur			34717.40	3.75	0.00	3.75	3.00	1.00	3.00	
Khargone		Jobat	14589.64	0.82	0.00	0.82	1.50	1.00	1.50	
		Bhavra	13361.66	0.75	0.00	0.75	1.50	1.00	1.50	
		Khargone	141498.58	15.28	17.60	-	0.00	0.00	0.00	
		सानावाड	47194.62	5.10	5.58	-	0.00	0.00	0.00	
		Badwah	32233.41	3.48	3.46	0.02	0.00	0.00	0.00	
		Kasrawad	27714.96	1.55	0.00	1.55	2.50	1.00	2.50	
		Mandleshwar	15036.74	0.84	3.00	-	0.00	0.00	0.00	
		Maheshwar	29738.46	3.21	4.84	-	0.00	0.00	0.00	
		Bhikangaon	19756.20	1.11	0.00	1.11	2.00	1.00	2.00	
		Karhi	12225.04	0.68	0.00	0.68	1.00	1.00	1.00	
Khandwa		Khandwa	244547.06	26.41	0.00	26.41	0.00	0.00	0.00	
		Mundi	15701.90	0.88	0.00	0.88	1.50	1.00	1.50	
	Omkareshwar	12259.15	0.69	1.00	-	0.00	0.00	0.00		
	Pandhana	16682.58	0.93	0.00	0.93	1.50	1.00	1.50		
	Chhanera	26864.63	1.50	0.00	1.50	2.50	1.00	2.50		
Burhanpur	Burhanpur	256909.76	27.75	31.50	-	0.00	0.00	0.00		
	Shahpur	24022.47	1.35	0.00	1.35	1.00	1.00	1.00		
	Nepanagar	36159.80	3.91	0.00	3.91	4.00	2.00	2, 2		
Ujjain	Ujjain	Ujjain	584130.16	63.09	92.50	-	0.00	0.00	0.00	
		Badnagar	41311.95	4.46	0.00	4.46	5.00	1.00	5.00	
		Mahidpur	38958.26	4.21	0.00	4.21	4.50	1.00	4.50	

Ujjain	Ujjain	Khachrod	38764.39	4.19	0.00	4.19	5.00	1.00	5.00	
		Nagda	113420.22	12.25	16.00	-	0.00	0.00	0.00	
		Tarana	28239.69	1.58	0.00	1.58	3.50	1.00	3.50	
		Makdone	13240.05	0.74	0.00	0.74	1.50	1.00	1.50	
		Unhel	16750.17	0.94	0.00	0.94	1.50	1.00	1.50	
	Neemuch	Neemuch	145757.32	15.74	16.50	-	0.00	0.00	0.00	
		Jeeran	13058.65	0.73	0.00	0.73	1.00	1.00	1.00	
		Manasa	30102.46	3.25	0.00	3.25	3.00	1.00	3.00	
		Rampura	20820.37	1.17	0.00	1.17	2.00	1.00	2.00	
		Kukdeshwar	13555.23	0.76	0.00	0.76	1.20	2.00	0.6, 0.6	
		Jawad	19420.18	1.09	0.00	1.09	1.50	1.00	1.50	
		Ratangarh_N_M	9063.28	0.51	0.00	0.51	1.00	1.00	1.00	
		Diken	9014.53	0.50	0.00	0.50	1.00	1.00	1.00	
		Singoli	10796.80	0.60	0.00	0.60	1.00	1.00	1.00	
		Nayagaon	7595.06	0.43	0.00	0.43	1.00	1.00	1.00	
		Athana	7319.55	0.41	0.00	0.41	1.00	1.00	1.00	
		sarwania Maharaj	7638.14	0.43	0.00	0.43	1.00	1.00	1.00	
		Dewas	Dewas	328280.21	35.45	0.00	35.45	0.00	0.00	0.00
			Hatpipliya	19748.97	1.11	0.00	1.11	1.80	1.00	1.80
	Khategaon		28812.24	1.61	0.00	1.61	2.50	1.00	2.50	
	Kannod		20117.44	1.13	0.00	1.13	2.00	1.00	2.00	
	Bagli		11689.07	0.65	0.00	0.65	1.00	1.00	1.00	
	Karnawad		12772.94	0.72	0.00	0.72	1.00	1.00	1.00	
	Kanthaphod		11796.77	0.66	0.00	0.66	1.10	1.00	1.10	
	Loharda		10432.86	0.58	0.00	0.58	1.00	1.00	1.00	
	Satwas		15995.09	0.90	0.00	0.90	1.35	1.00	1.35	
	Sonkatch		18758.06	1.05	0.00	1.05	1.60	1.00	1.60	
	Ujjain		Dewas	Bhaurasa	13793.32	0.77	0.00	0.77	1.10	1.00
		Tonkhurd		9046.27	0.51	0.00	0.51	1.00	1.00	1.00
		Pipalrawan		10943.05	0.61	0.00	0.61	1.10	1.00	1.10
Shajapur		Nemawar	6777.62	0.38	1.00	-	0.00	0.00	0.00	
		Shajapur	78527.62	8.48	11.25	-	0.00	0.00	0.00	
		Makshi	22774.97	1.28	0.00	1.28	2.00	1.00	2.00	
		Shujalpur	58076.86	6.27	0.00	6.27	8.00	1.00	8.00	
		Akodia	13210.57	0.74	0.00	0.74	1.20	1.00	1.20	
		Polaykala	13908.97	0.78	0.00	0.78	1.20	1.00	1.20	
		Pankhedi Kalapipal	13291.07	0.74	0.00	0.74	1.20	1.00	1.20	
Agar Malwa		Agar	42988.78	4.64	0.00	4.64	4.50	1.00	4.50	
		Barode	15684.44	0.88	0.00	0.88	1.40	1.00	1.40	
		Kanad	11856.86	0.66	0.00	0.66	1.00	1.00	1.00	
		Susner	18629.94	1.04	0.00	1.04	1.60	1.00	1.60	
		Soyatkalan	16758.11	0.94	0.00	0.94	1.40	1.00	1.40	
		Nalkheda	18922.45	1.06	0.00	1.06	2.00	1.00	2.00	
Ratlam		Badagaon_A	8182.35	0.46	0.00	0.46	0.80	1.00	0.80	
		Ratlam	300348.90	32.44	37.50	-	0.00	0.00	0.00	
		Jawara	84926.56	9.17	0.00	9.17	9.00	2.00	5.4	
		Piplodha	9403.41	0.53	0.00	0.53	1.00	1.00	1.00	
	Sailana	13592.65	0.76	0.00	0.76	1.20	1.00	1.20		
	Dhamnod_R	9456.69	0.53	6.80	-	1.00	1.00	1.00		
	Badawada	9863.71	0.55	0.00	0.55	1.00	1.00	1.00		
	Tal	16907.76	0.95	0.00	0.95	1.40	1.00	1.40		
	Alot	27340.62	1.53	0.00	1.53	2.50	1.00	2.50		
	Namli	11081.37	0.62	0.00	0.62	1.00	1.00	1.00		
		Mandsaur	160616.38	17.35	25.00	-	0.00	0.00	0.00	
Nagri_M		7974.87	0.45	0.00	0.45	1.00	1.00	1.00		

Ujjain	Mandsaur	Suwasra	15083.54	0.84	0.00	0.84	1.30	1.00	1.30	
		Shyamgarh	27932.45	1.56	0.00	1.56	2.50	1.00	2.50	
		Sitamau	15936.13	0.89	0.00	0.89	1.40	1.00	1.40	
		Pipalya Mandi	17085.76	0.96	0.00	0.96	1.50	2.00	0.5, 1.0	
		Narayangarh	11554.15	0.65	0.00	0.65	1.00	1.00	1.00	
		Malhargarh	9446.49	0.53	0.00	0.53	1.00	1.00	1.00	
		Bhanpura	23823.70	1.33	0.00	1.33	2.50	1.00	2.50	
		Garoth	17144.72	0.96	0.00	0.96	1.40	1.00	1.40	
		Bhainsoda Mandi	6802.56	0.38	0.00	0.38	1.60	1.00	1.60	
Bhopal	Bhopal	Bhopal	2151531.87	232.37	197.54	34.83	0.00	0.00	0.00	
		Kolar	105149.06	11.36	0.00	11.36	0.00	0.00	0.00	
		Berasia	37032.25	4.00	0.00	4.00	4.00	1.00	4.00	
	Sehore	Sehore	130557.50	14.10	12.00	2.10	0.00	0.00	0.00	
		ASHTA	63633.59	6.87	0.00	6.87	6.50	1.00	6.50	
		Kothri	12594.15	0.71	0.00	0.71	1.00	1.00	1.00	
		Jawar	9818.31	0.55	0.00	0.55	1.00	1.00	1.00	
		Ichhawar	18211.62	1.02	0.00	1.02	1.50	1.00	1.50	
		Budni	20110.44	1.13	3.05	-	0.00	0.00	0.00	
		Nasrullahganj	28461.87	1.59	4.20	-	0.00	0.00	0.00	
		Rehti	13892.33	0.78	0.00	0.78	1.50	1.00	1.50	
		Shahganj	10182.04	0.57	2.00	-	1.00	1.00	1.00	
	Raisen	Raisen	52838.95	5.71	0.00	5.71	6.00	1.00	6.00	
		Gairatganj	21756.79	1.22	0.00	1.22	2.00	1.00	2.00	
		Sanchi	10051.63	0.56	1.90	-	0.00	0.00	0.00	
	Bhopal	Raisen	Silwani	22282.05	1.25	0.00	1.25	2.00	1.00	2.00
			BEGUMGANJ	40717.41	4.40	0.00	4.40	4.50	1.00	4.50
			Baadi	23454.60	1.31	0.00	1.31	2.00	1.00	2.00
Mandideep			71374.82	7.71	0.00	7.71	8.50	1.00	8.50	
Obedullaganj			27333.59	1.53	0.00	1.53	2.50	1.00	2.50	
Bareli			41473.59	4.48	0.00	4.48	4.00	1.00	4.00	
Udaipura			21819.01	1.22	0.00	1.22	2.00	1.00	2.00	
Sultanpur			12285.46	0.69	0.00	0.69	1.00	1.00	1.00	
Vidisha			186592.25	20.15	22.25	-	0.00	0.00	0.00	
Vidisha		Ganjbasoda	93671.22	10.12	0.00	10.12	11.00	1.00	11.00	
		Kurwai	18529.89	1.04	0.00	1.04	2.00	1.00	2.00	
		Sironj	62767.34	6.78	0.00	6.78	7.00	1.00	7.00	
		Lateri	22546.47	1.26	0.00	1.26	2.00	1.00	2.00	
		Shamshabad	13554.92	0.76	0.00	0.76	1.50	1.00	1.50	
		Rajgarh_R	35566.56	3.84	0.00	3.84	4.00	1.00	4.00	
Rajgarh		Khujner	12904.04	0.72	0.00	0.72	1.50	1.00	1.50	
		Narsinghgarh	38681.00	4.18	0.00	4.18	3.50	1.00	3.50	
		Talen	12661.15	0.71	0.00	0.71	1.00	1.00	1.00	
		Boda	11828.40	0.66	0.00	0.66	1.00	1.00	1.00	
		Sarangpur	44790.23	4.84	0.00	4.84	4.00	1.00	4.00	
		Pachore	32778.77	3.54	0.00	3.54	3.00	1.00	3.00	
		BIAORA	58738.79	6.34	0.00	6.34	5.00	2.00	2, 3	
		Suthalia	12677.90	0.71	0.00	0.71	1.10	1.00	1.10	
		Khilchipur	22646.97	1.27	0.00	1.27	2.00	1.00	2.00	
		Jeerapur	25992.33	1.46	0.00	1.46	2.50	1.00	2.50	
		Machalpur	11337.84	0.63	0.00	0.63	1.00	1.00	1.00	
		Chhapiheda	10171.28	0.57	0.00	0.57	1.00	1.00	1.00	
Hoshangabad	Kurawar	16651.41	0.93	0.00	0.93	1.70	1.00	1.70		
	Hoshangabad	131429.19	14.19	21.00	-	0.00	0.00	0.00		
	Itarsi	110645.67	11.95	0.00	11.95	12.00	1.00	12.00		
Seoni Malwa	Seoni Malwa	33528.99	3.62	0.00	3.62	4.00	1.00	4.00		

Bhopal	Hoshangabad	Pipariya_M	54388.26	5.87	0.00	5.87	6.00	1.00	6.00
		Babai	18648.13	1.04	0.00	1.04	2.00	1.00	2.00
		Sohagpur	27892.56	1.56	0.00	1.56	3.00	1.00	3.00
		Vankhedi	24580.87	1.38	0.00	1.38	2.50	1.00	2.50
	Harda	Harda	82728.61	8.93	0.00	8.93	10.00	1.00	10.00
		Khirkiya	25327.20	1.42	0.00	1.42	2.50	1.00	2.50
		Timarni	24906.14	1.39	0.00	1.39	3.00	1.00	3.00
	Betul	Betul	115101.35	12.43	0.00	12.43	0.00	0.00	0.00
		Athner	13272.36	0.74	0.00	0.74	1.50	1.00	1.50
		Betul-Bazar	11840.97	0.66	0.00	0.66	1.00	1.00	1.00
		Multai	33390.87	3.61	0.00	3.61	3.50	1.00	3.50
		Amla	33657.09	3.63	0.00	3.63	4.00	2.00	2.5, 1.5
		Sarni	95954.18	10.36	0.00	10.36	12.00	2.00	12.00
		Bhainsdehi	13323.60	0.75	0.00	0.75	1.50	1.00	1.50
Chicholi		10339.41	0.58	0.00	0.58	1.00	1.00	1.00	
Sagar	Sagar	Sagar	310226.32	33.50	12.00	21.50	0.00	0.00	0.00
		Bina Etawa	78601.75	8.49	0.00	8.49	8.00	1.00	8.00
		Khurai	57747.95	6.24	0.00	6.24	0.00	0.00	0.00
		Deori_S	28962.11	3.13	0.00	3.13	3.00	1.00	3.00
		Rahatgarh	35634.29	3.85	0.00	3.85	3.50	1.00	3.50
		Banda	34940.52	3.77	0.00	3.77	3.50	1.00	3.50
		Shahgarh	15443.75	0.86	0.00	0.86	2.00	1.00	2.00
		Rehli	34269.34	3.70	0.00	3.70	4.00	1.00	4.00
		Shahpur	18417.70	1.03	0.00	1.03	1.00	1.00	1.00
		Sagar	Sagar	Garhakota	36977.76	3.99	0.00	3.99	4.00
Makronia	69852.78			7.54	0.00	7.54	8.00	2.00	6, 2
Damoh	Damoh		157692.77	17.03	0.00	17.03	0.00	0.00	0.00
	Hindoriya		18079.85	1.01	0.00	1.01	1.50	1.00	1.50
	Hatta		36682.85	3.96	0.00	3.96	4.00	1.00	4.00
	Tendukhedha_D		16269.72	0.91	0.00	0.91	1.50	1.00	1.50
	Pathariya		23757.70	1.33	0.00	1.33	2.00	1.00	2.00
Panna	Patera		11216.72	0.63	0.00	0.63	1.00	2.00	0.5, 0.5
	Panna		66768.10	7.21	0.00	7.21	9.00	1.00	9.00
	Ajaigarh		18819.95	1.05	0.00	1.05	2.00	1.00	2.00
	Amanganj		15690.07	0.88	0.00	0.88	1.50	1.00	1.50
	Kakkarhati		9550.08	0.53	0.00	0.53	1.00	1.00	1.00
	Devendra nagar		14446.03	0.81	0.00	0.81	1.50	1.00	1.50
	Pawai		16344.29	0.92	0.00	0.92	1.40	1.00	1.40
Chattarpur	Gadimalhara		15395.16	0.86	0.00	0.86	1.20	2.00	0.6, 0.6
	Nogaon		45852.15	4.95	0.00	4.95	5.00	1.00	5.00
	Harpalpur		20936.29	1.17	0.00	1.17	1.70	1.00	1.70
	Maharajpur		26358.77	1.48	0.00	1.48	2.50	1.00	2.50
	Chandia		14505.91	0.81	0.00	0.81	1.25	1.00	1.25
	Warigarh		10076.63	0.56	0.00	0.56	1.00	1.00	1.00
	Chattarpur		160593.27	17.34	0.00	17.34	0.00	0.00	0.00
	Bijawar		23178.05	1.30	0.00	1.30	2.00	1.00	2.00
	Satai		11968.11	0.67	0.00	0.67	1.00	1.00	1.00
	Buxwaha	11543.26	0.65	0.00	0.65	1.00	1.00	1.00	
	Ghuwara	15029.07	0.84	0.00	0.84	1.30	2.00	0.6, 0.7	
	Badamalhera	20717.08	1.16	0.00	1.16	1.80	1.00	1.80	
	Lavkushnagar	24860.50	1.39	0.00	1.39	2.50	1.00	2.50	
Chattarpur	Khajuraho	27661.57	1.55	4.45	-	0.00	0.00	0.00	
	Rajnagar	16104.75	0.90	2.82	-	0.00	0.00	0.00	
	Tikamgarh	89383.45	9.65	0.00	9.65	11.00	2.00	6, 5	
	Kari	11761.34	0.66	0.00	0.66	1.00	1.00	1.00	

Sagar	Tikamgarh	Baldeogarh	10258.54	0.57	0.00	0.57	1.00	1.00	1.00	
		Badagaon_T	10487.92	0.59	0.00	0.59	1.00	1.00	1.00	
		Niwari	26806.22	1.50	0.00	1.50	2.50	1.00	2.50	
		Orchha	13006.51	0.73	0.00	0.73	1.50	1.00	1.50	
		Taricharkala	8671.01	0.49	0.00	0.49	1.00	1.00	1.00	
		Khargapur	16737.50	0.94	0.00	0.94	1.50	1.00	1.50	
		Palera	19765.69	1.11	0.00	1.11	2.00	1.00	2.00	
		Prithvipur	30375.64	3.28	0.00	3.28	3.00	1.00	3.00	
		Jeron khalsa	10650.63	0.60	0.00	0.60	1.00	1.00	1.00	
		Jatara	19772.47	1.11	0.00	1.11	2.00	1.00	2.00	
		Lidhorakhas	14659.58	0.82	0.00	0.82	1.50	1.00	1.50	
		Rewa	270493.09	29.21	37.00	-	0.00	0.00	0.00	
		Rewa	Rewa	Mangava	15725.41	0.88	0.00	0.88	1.50	1.00
Baikunthpur	11802.09			0.66	0.00	0.66	1.20	1.00	1.20	
Mauganj	30325.93			3.28	0.00	3.28	3.00	1.00	3.00	
Hanumana	19250.42			1.08	0.00	1.08	2.00	1.00	2.00	
Teonthar	19558.05			1.10	0.00	1.10	2.00	1.00	2.00	
Chakghat	12256.64			0.69	0.00	0.69	1.20	1.00	1.20	
Gurh	16767.65			0.94	0.00	0.94	1.80	1.00	1.80	
Govindgarh	12106.27			0.68	0.00	0.68	1.00	1.00	1.00	
Naigarhi	11942.13			0.67	0.00	0.67	1.20	1.00	1.20	
Sirmour	13634.04			0.76	0.00	0.76	1.50	1.00	1.50	
Semaria	15433.86			0.86	0.00	0.86	1.50	1.00	1.50	
Siddhi	62363.30			6.74	0.00	6.74	7.00	1.00	7.00	
Rewa	Sidhi			Churhat	17173.98	0.96	0.00	0.96	2.00	1.00
		Rampur Neikin	13700.62	0.77	0.00	0.77	1.50	1.00	1.50	
		Majholi_S	13650.11	0.76	0.00	0.76	1.50	1.00	1.50	
	Singrauli	Singrauli	252819.79	27.30	31.00	-	0.00	0.00	0.00	
		Satna	324812.32	35.08	74.00	-	0.00	0.00	0.00	
		Maihar	46133.99	4.98	14.45	-	0.00	0.00	0.00	
		Nagod	25904.45	1.45	0.00	1.45	2.50	1.00	2.50	
		Uchehra	21168.47	1.19	0.00	1.19	1.70	1.00	1.70	
		Kothi	10092.96	0.57	0.00	0.57	1.00	1.00	1.00	
		Amarpatan	22278.43	1.25	0.00	1.25	2.00	1.00	2.00	
		Rampur bhaghelan	15654.24	0.88	0.00	0.88	1.20	1.00	1.20	
		Kotar	8631.76	0.48	0.00	0.48	1.00	1.00	1.00	
		Chitrakoot	26763.04	1.50	4.70	-	0.00	0.00	0.00	
		Birsinghpur	16458.88	0.92	0.00	0.92	1.40	1.00	1.40	
		Jaitwara	11116.83	0.62	0.00	0.62	1.00	1.00	1.00	
		New Ramnagar	25832.14	1.45	0.00	1.45	2.50	1.00	2.50	
		Shahdol	Shahdol	92894.29	10.03	17.00	-	0.00	0.00	0.00
			Dhanpuri	48392.78	5.23	0.00	5.23	5.50	1.00	5.50
	Burhar		20671.64	1.16	0.00	1.16	2.50	1.00	2.50	
	Beohari		26304.39	1.47	0.00	1.47	3.50	1.00	3.50	
	Khand		11416.61	0.64	0.00	0.64	1.00	1.00	1.00	
	Jaysingh nagar		8823.14	0.49	0.00	0.49	1.00	1.00	1.00	
	Bakho		6430.08	0.36	0.00	0.36	2.50	1.00	2.50	
	Annuppur	Annuppur	21325.36	1.19	0.00	1.19	2.00	1.00	2.00	
		Pasan	30486.08	3.29	0.00	3.29	3.00	1.00	3.00	
		Jaithari	8997.83	0.50	0.00	0.50	1.00	1.00	1.00	
	Annuppur	Kotma	31833.18	3.44	0.00	3.44	4.00	1.00	4.00	
		Bijuri	35024.65	3.78	0.00	3.78	4.00	1.00	4.00	
		Amkantak	9019.26	0.51	1.20	-	0.00	0.00	0.00	
		Mangava	22369.18	1.25	0.00	1.25	1.50	1.00	1.50	
		Dola	9937.69	0.56	0.00	0.56	1.00	1.00	1.00	

Rewa	Umariya	Dumarkachar	10159.53	0.57	0.00	0.57	1.00	1.00	1.00	
		Umariya	35487.61	3.83	0.00	3.83	4.00	2.00	2.2	
		Chandia	17030.07	0.95	0.00	0.95	1.60	1.00	1.60	
		Nawrozabad	23451.57	1.31	0.00	1.31	2.50	1.00	2.50	
		Pali_M	23924.18	2.58	0.00	2.58	2.50	1.00	2.50	
		Manpur	6965.92	0.39	0.00	0.39	1.00	1.00	1.00	
Jabalpur	Jabalpur	Jabalpur	1218747.11	131.62	100.00	31.62	0.00	0.00	0.00	
		Panagar	31471.54	3.40	0.00	3.40	3.50	1.00	3.50	
		Berala_M	14219.21	0.80	0.00	0.80	1.20	1.00	1.20	
		Sihora	49629.76	5.36	0.00	5.36	6.00	1.00	6.00	
		Bhedaghat	7500.58	0.42	0.84	-	0.00	0.00	0.00	
		Shahpur Bhitoni	15324.52	0.86	0.00	0.86	1.20	1.00	1.20	
		Patan	16477.15	0.92	0.00	0.92	1.30	1.00	1.30	
		Majholi_J	14883.97	0.83	0.00	0.83	1.30	1.00	1.30	
		Katangi_J	21452.75	1.20	0.00	1.20	1.70	1.00	1.70	
		Katni	Katni	250000.01	27.00	24.50	2.50	0.00	0.00	0.00
			Barhi	15713.24	0.88	0.00	0.88	1.50	1.00	1.50
			Kymore	21794.14	1.22	0.00	1.22	2.00	1.00	2.00
	Vijay Radhogarh		9431.77	0.53	0.00	0.53	1.00	1.00	1.00	
	Balaghat	Balaghat	94938.55	10.25	0.00	10.25	10.00	2.00	5.5	
		Waraseoni	30978.04	3.35	0.00	3.35	2.50	1.00	2.50	
		Katangi_B	18192.02	1.02	0.00	1.02	1.40	1.00	1.40	
	Jabalpur	Balaghat	Baihar	18759.89	1.05	0.00	1.05	2.00	1.00	2.00
			Malajkhanda	38506.78	4.16	0.00	4.16	3.50	1.00	3.50
			Langi	15276.07	0.86	0.00	0.86	1.20	1.00	1.20
		Chhindwara	Chhindwara	197234.59	21.30	28.00	-	0.00	0.00	0.00
			Pandhurna	51242.10	5.53	0.00	5.53	6.00	1.00	6.00
Junnardeo			25444.72	1.42	0.00	1.42	2.00	1.00	2.00	
Damua			27788.30	1.56	0.00	1.56	2.30	1.00	2.30	
Chorai			14597.78	0.82	0.00	0.82	1.20	1.00	1.20	
Amarwara			15932.95	0.89	0.00	0.89	1.30	1.00	1.30	
Harra			12393.92	0.69	0.00	0.69	1.10	1.00	1.10	
Sausar			30938.60	3.34	0.00	3.34	3.00	1.00	3.00	
Piplanarayanwar			9684.16	0.54	0.00	0.54	1.00	1.00	1.00	
Mohgaon			11164.67	0.63	0.00	0.63	1.00	1.00	1.00	
Lodhikheda			11210.86	0.63	0.00	0.63	1.00	1.00	1.00	
Dongarparasiya			48207.84	5.21	0.00	5.21	5.00	1.00	5.00	
NewtonChikhli			11086.92	0.62	0.00	0.62	1.00	1.00	1.00	
Chandameta Butaria			18587.50	1.04	0.00	1.04	1.30	1.00	1.30	
Badkuhi			11148.89	0.62	0.00	0.62	1.00	1.00	1.00	
Bichhuua			7524.24	0.42	0.00	0.42	1.00	1.00	1.00	
Chand			7803.66	0.44	0.00	0.44	1.00	1.00	1.00	
Narsingpur			NARSINGHPUR	67564.89	7.30	9.00	-	0.00	0.00	0.00
			Kareli	33721.60	3.64	0.00	3.64	3.25	1.00	3.25
			Gadarwara	53636.38	5.79	0.00	5.79	5.50	1.00	5.50
		Goteagaon	31631.54	3.42	0.00	3.42	3.00	1.00	3.00	
		Tendukheda_N	14734.12	0.83	0.00	0.83	1.30	1.00	1.30	
		Salichoka	15566.76	0.87	0.00	0.87	1.30	1.00	1.30	
		Saikheda	10818.77	0.61	2.60	-	0.00	0.00	0.00	
	Chichli	11241.29	0.63	0.00	0.63	1.40	1.00	1.40		
Seoni	Seoni	115311.90	12.45	0.00	12.45	0.00	0.00	0.00		
	Lakhnadoan	19494.51	1.09	0.00	1.09	1.70	1.00	1.70		
	Barghat	13633.31	0.76	0.00	0.76	1.10	1.00	1.10		
	Chapara	6760.32	0.38	0.00	0.38	2.50	1.00	2.50		
	Mandla	62119.45	6.71	9.50	-	0.00	0.00	0.00		

1529

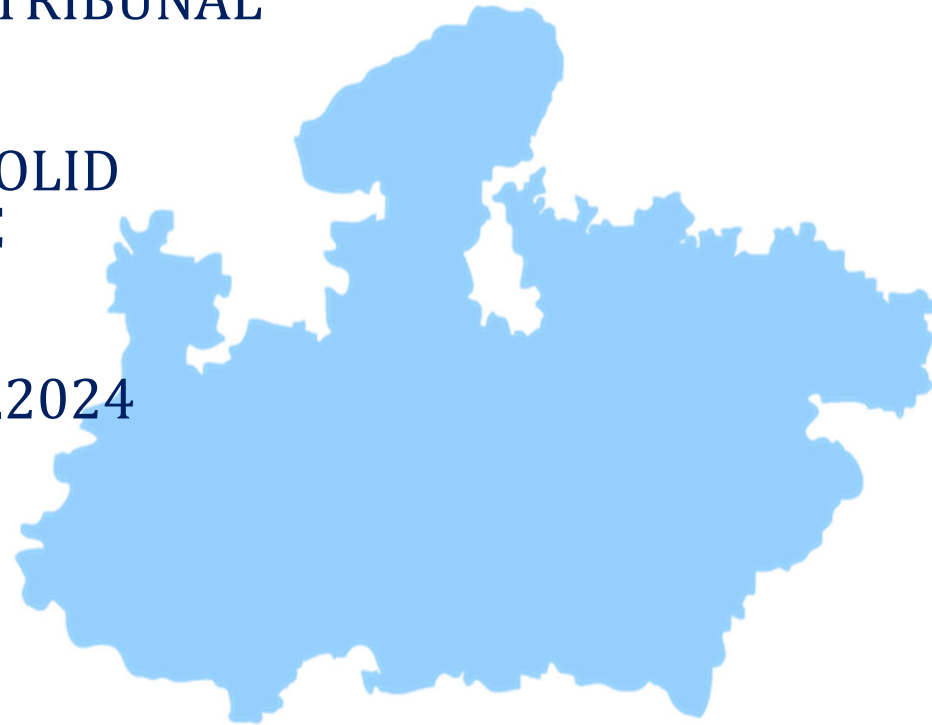
Jabalpur	Mandla	Nainpur	28071.10	3.03	0.00	3.03	2.00	1.00	2.00
		Bamhani	11566.91	0.65	0.00	0.65	1.25	1.00	1.25
		Niwas	9293.19	0.52	0.00	0.52	1.00	1.00	1.00
		BHUA BHICHLIA	11748.31	0.66	0.00	0.66	1.00	1.00	1.00
	Dindori	Dindori	24025.05	1.35	3.84	-	0.00	0.00	0.00
		Shahpura_D	12388.29	0.69	0.00	0.69	1.00	1.00	1.00

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

STATUS OF COMPLIANCE OF MUNICIPAL SOLID
WASTE MANAGEMENT 2016 AND SEWAGE
MANAGEMENT

AS PER ORDER DATED-10.11.2022 &14.03.2024

PRESENTATION ON O.A. NO. – 606/2018
BY CHIEF SECRETARY OF MADHYA PRADESH
Date – 19.09.2024



Achievements of Madhya Pradesh



स्वच्छ
सर्वेक्षण
2023

Awarded No. 2 State in India in Survekshan 2023

- Indore is cleanest city for consecutive 7th time
- Bhopal Achieved 5th at National level for > 1 Lakh
- Nawrozabad Ranked 1st in Fastest Moving City Category for > 1lakh population
- Amarkantak Ranked 2nd in Fastest Moving City Category for > 1lakh population
- Budni Cleanest City (West Zone) for Population 15-25K
- 60 national awards so far
- 7 ULBs Water Plus certified (Indore, Bhopal, Gwalior, Ujjain, Dewas, Dharampuri, Budni)
- 361 ULBs ODF++ Certified
- 156 ULBs GFC Star Rating Certified
- Mhow Cantonment Board Achieved Cleanest Cantonment Board



Status of Solid Waste Management in the State (1/2)

Total Waste Generation: 6798 TPD

Total Waste Collected: 6764 TPD (99%)

Total Waste Processed: 6723.16 TPD (98.89%)

S.N.	Item	2022 Status (413 ULBs)	Percentage	March 2024 Status (413 ULBs)	Percentage	2024 Present Status (413 ULBs)	Percentage	Six Month Progress, Remarks & Timeline
1	Door to Door Collection (%)	404	~ 98%	404	~ 98%	406	~ 98.3%	Gap in *7 ULBs who have less than 50% collection; Gap will be completed till Dec 2024
2	Source Segregation of Waste (%)	388	94%	389	94%	389	94%	There is a Gap in 24 ULBs. Details are as follows:- 09 ULBs have 90-95% segregation; 04 ULBs have 70-90% segregation; 11 ULBs have < 50 % segregation; Gap for Source segregation will be completed till Dec 2024.

* These are Newly formed ULBs

Status of Solid Waste Management in the State (2/2)

S.N	Item	2022 Status (413 ULBs)	Percentage	March 2024 Status (413 ULBs)	Percentage	Present Status (413 ULBs)	Percentage	Six Month Progress, Remarks & Timeline
3	Waste Processing (TPD)	6479	(98.43%)	6608.79	(99.06%)	6723.16	(99%)	Processing quantity is Increased by 114 Tons. Fund is approved to fulfil the gap. Will be completed till March 2025.
4	Material Recovery Facility	400 ULBs	97%	401 ULBs	97%	405 ULBs	98%	Gap in 7 ULBs*. Fund is approved for MRFs. Will be completed till Dec 2024
5	Composting Facility	400 ULBs	97%	401 ULBs	97%	405 ULBs	98%	Gap in 7 ULBs*. Fund is approved for compost plant. Will be completed till Dec 2024





- *These are Newly formed ULBs

Compliance of Last hearing order dated 14.03.2024

S. N.	Component	2022 Status (413 ULBs)	March 2024 Status (413 ULBs)	Six Month Progress (413 ULBs)	Remarks
6	Legacy Waste Dumpsite Remediation (87 Numbers)	22 ULBs DPR completed	Work started in 31 ULBs	Work started in 54 ULBs	<ul style="list-style-type: none"> Out of the total Waste 13,47,357 MT has been remediated and remaining 26,00,206 MT remediation stage. 16 Bids are in LOA Stage Remaining 17 Tender are in Bidding Stage
7	Training and Capacity Building to Other States	4 State ULBs official Training and Capacity Building on Indore Pattern covering 31+ participants	Training and capacity building based on the Indore pattern were conducted for officials of 2 international and 9 states, covering more than 812 participants.	Training and capacity building based on the Indore pattern were conducted for officials of 5 states & different institute covering more than 202 participants. (From March 2024 till Date)	<ul style="list-style-type: none"> Conducted Exposure Visit for Capacity Building on Indore Pattern for more than 202 officials/commissioner/academy/institutions With help of MoHUA appointed IIM Indore as Centre of Excellence for providing best-class leadership and training for managing sanitation and waste management initiatives across urban India

➤ Progress after hearing on 14th March 2024, is as follows: of Legacy Waste

Total Targeted ULBs	87	ULBs
Amount of Waste to be Remediated	41.07	Lakh Metric Tons
Area to be reclaimed	440.26	Acres

Activity for Remediated	Hearing 14 th March 2024		Progress 13 th Sept 2024		% Improvement
	ULBs	% Progress	ULBs	% Progress	
Tender Floated/ Completed	33	38%	87	100%	63% 
Work Awarded/ Started	33	38%	54	63%	25% 
Amount of Waste Remediated (lakh MT)	6	15%	13.47	31.27%	20% 
Area to be reclaimed (in Acre)	31.05	7%	87	20%	13% 

*Remaining Projects are under Tendering and Bidding stage

➤ Images of legacy Waste Projects – Mandideep (Bhopal)

Before



After



➤ Images of legacy Waste Projects – Waraseoni (Balaghat)

Before



After



➤ Images of legacy Waste Projects – Nainpur (Mandla)

Before

After



Key Processes in Biomining and Bioremediation

Fraction of legacy waste	% of total legacy waste	Utilization/disposal of legacy waste
Bio-soil (Good Earth)	35-40%	Used in public parks, gardens etc. for conditioning of degraded soil.
C&D debris etc.	35-40%	Used in brick formation, paver blocks formation and Road Restoration following standard engineering practices.
Recyclables & RDF	10-15%	Transported and utilized in Waste to electricity plant, Cement plant for incineration.
Inerts/Residual Waste	7%	Used in filling low-lying areas to increase ground level.

Solid Waste Management Processing Facilities

Total Waste Generation: 6798 TPD

Total Waste Collected: 6764 TPD (99%)

Total Waste Processed: 6723.16 TPD (98.89%)

Parameters	Wet Waste		Dry Waste		C &D
	Compost	Bio-methanation	MRF	Waste to Energy	
No. of Plants	368 (Covering 405 ULBs)	6	360 (Covering 405 ULBs)	2 (Covering 44ULbs)	405
Existing Capacity (in TPD)	2079.00	597	3878.00	950	3785.61

- 5 Projects are operational on ISWM approach on cluster basis through PPP mode covering 60 ULBs.
- 8 Mechanized C & D Waste Processing Plants constructed

(* ULBs List Provided in Annexure)

Status of Solid Waste Management in Municipal Corporations (1/2)

S. No.	Municipal Corporation Name	Total Waste Generation (TPD)	Total Waste Processed (TPD)	MRF (TPD)	Compost Plant (TPD)	CBG (TPD)	Waste to Energy (TPD, MW)	C&D (TPD)	Other Rejects	Dumpsite Status
1	BHOPAL	818.80	818.80	505	457	5	-	100	556	Remediated
2	BURHANPUR	60.63	60.63	25	54	-	-	1	5	Remediated
3	CHHINDWARA	64.12	64.12	55	102	-	-	7	5	Remediated
4	DEWAS	109.34	109.34	65	80	-	-	18	18	75 % Work completed will be remediated by Jan 2025
5	GWALIOR	484.37	484.37	250	370	-	-	15	1	50 % Work completed will be remediated by March 2025
6	INDORE	979	979	194	544	587	-	100	36	Remediated
7	JABALPUR	519.74	519.74	-	-	-	600 (11.5 MW)	50		Remediated
8	KHANDWA	43.38	43.38	50	60	-	-	3	0.58	50 % Work completed, will be remediated by March 2025

Status of Solid Waste Management in Municipal Corporations (1/2)

S. No.	Municipal Corporation Name	Total Waste Generation (TPD)	Total Waste Processed (TPD)	MRF (TPD)	Comp ost Plant (TPD)	CBG (TPD)	Waste to Energy (TPD, MW)	C&D (TPD)	Other Rejects	Dumpsite Status
9	MORENA	88.06	88.06	50	60	-	-	10	1	Remediated
10	MURWARA (KATNI)	121.45	121.45	60	90	-	-	20	1.5	Remediated
11	RATLAM	113.70	113.70	60	80	-	-	120	4	55 % Work completed, will be remediated by March 2025
12	REWA	116.45	116.45	150	350	-	350 (6 MW)	50	10	45 % Work completed will be remediated by March 2025
13	SAGAR	123.12	123.12	175	175	-	-	20	2.4	40 % Work completed, will be remediated by March 2025
14	SATNA	146.00	146	110	70	-	-	17	1.5	Remediated
15	SINGRAULI	99.58	99.58	150	70	-	-	30	82	Remediated
16	UJJAIN	255.13	255.13	8	225	5	-	-	2	Remediated
	Total	4143	4143							

Status of Solid Waste Management (Urban)- District Wise

March-24					Aug-24				
S.N.	District Name	Generation (Tons)	Processing (Tons)	Processing Gap	S.N.	District Name	Generation (Tons)	Processing (Tons)	Processing Gap
1	SINGRAULI	114.26	96.95	17.31	1	SINGRAULI	116.89	104.88	12.01
2	SAGAR	245.97	233.49	12.48	2	SAGAR	249.95	238.19	11.76
3	SHIVPURI	159.11	149.66	9.45	3	SHIVPURI	151.05	143.21	7.84
4	VIDISHA	97.65	89.53	8.12	4	VIDISHA	83.49	83.45	0.04
5	ANUPPUR	26.21	18.39	7.83	5	ANUPPUR	30.83	25.00	5.83
6	RAISEN	61.07	56.53	4.54	6	RAISEN	55.94	51.40	4.54
7	KHANDWA	68.77	64.85	3.92	7	KHANDWA	65.84	61.92	3.92
8	MANDSAUR	71.03	68.12	2.92	8	MANDSAUR	61.33	61.28	0.05
9	BETUL	93.92	91.66	2.27	9	BETUL	94.60	92.27	2.32
10	REWA	148.11	147.57	0.54	10	REWA	149.68	147.79	1.88
11	CHHATARPUR	96.46	96.12	0.33	11	CHHATARPUR	100.00	99.74	0.26
12	UMARIA	19.56	19.35	0.22	12	UMARIA	22.53	22.30	0.23
13	ALIRAJPUR	13.32	13.16	0.15	13	ALIRAJPUR	14.95	12.41	2.54
14	RAJGARH	52.58	52.44	0.14	14	RAJGARH	42.75	42.67	0.08
15	SATNA	117.55	117.43	0.12	15	SATNA	186.28	182.18	4.10
16	JABALPUR	551.85	551.75	0.10	16	JABALPUR	573.70	562.24	11.46
17	NEEMUCH	48.82	48.72	0.10	17	NEEMUCH	46.29	46.27	0.02
18	KHARGAON	88.59	88.52	0.07	18	KHARGAON	87.95	82.51	5.44
19	NARSIMHAPUR	60.02	59.96	0.06	19	NARSIMHAPUR	53.46	53.44	0.02
20	DEWAS	146.91	146.86	0.05	20	DEWAS	147.08	146.92	0.15
21	UJJAIN	299.94	299.89	0.04	21	UJJAIN	289.10	289.04	0.06
22	BHOPAL	826.65	826.61	0.04	22	BHOPAL	821.93	821.90	0.04
23	GWALIOR	517.32	517.29	0.03	23	GWALIOR	533.64	533.64	0.00
24	JHABUA	23.17	23.14	0.03	24	JHABUA	25.45	25.45	0.01
25	CHHINDWARA	170.32	170.31	0.01	25	CHHINDWARA	138.24	138.24	0.00
26	SEHORE	60.87	60.87	0.00	26	SEHORE	58.86	58.82	0.04

Status of Solid Waste Management (Urban)- District Wise

March 2024					Aug-24				
S.N.	District Name	Generation (Tons)	Processing (Tons)	Processing Gap	S.N.	District Name	Generation (Tons)	Processing (Tons)	Processing Gap
27	DINDORI	6.44	6.44	0.00	27	DINDORI	6.77	6.77	0.00
28	MURWARA (KATNI)	133.23	133.23	0.00	28	MURWARA (KATNI)	132.11	132.11	0.00
29	RATLAM	149.18	149.18	0.00	29	RATLAM	151.55	151.55	0.00
30	AGAR MALWA	24.88	24.88	0.00	30	AGAR MALWA	23.89	23.70	0.19
31	ASHOKNAGAR	51.03	51.03	0.00	31	ASHOKNAGAR	38.90	38.90	0.00
32	BALAGHAT	37.68	37.68	0.00	32	BALAGHAT	50.55	50.55	0.00
33	BARWANI	79.51	79.51	0.00	33	BARWANI	71.47	71.47	0.00
34	BHIND	135.32	135.32	0.00	34	BHIND	139.26	139.26	0.00
35	BURHANPUR	71.08	71.08	0.00	35	BURHANPUR	63.80	63.80	0.00
36	DAMOH	53.92	53.92	0.00	36	DAMOH	52.71	52.71	0.00
37	DATIA	61.55	61.55	0.00	37	DATIA	72.29	72.29	0.00
38	DHAR	123.49	123.49	0.00	38	DHAR	121.85	121.85	0.00
39	GUNA	96.24	96.24	0.00	39	GUNA	86.14	86.14	0.00
40	HARDA	29.24	29.24	0.00	40	HARDA	34.89	34.89	0.00
41	HOSHANGABAD	62.96	62.96	0.00	41	HOSHANGABAD	61.75	61.75	0.00
42	INDORE	960.58	960.58	0.00	42	INDORE	1027.86	1027.85	0.02
43	MANDLA	41.28	41.28	0.00	43	MANDLA	41.32	41.32	0.00
44	MORENA	123.00	123.00	0.00	44	MORENA	159.13	159.13	0.00
45	NIWARI	16.48	16.48	0.00	45	NIWARI	16.65	16.65	0.00
46	PANNA	36.84	36.84	0.00	46	PANNA	36.85	36.85	0.00
47	SEONI	33.11	33.11	0.00	47	SEONI	30.74	30.74	0.00
48	SHAHDOL	31.62	31.62	0.00	48	SHAHDOL	42.68	42.29	0.39
49	SHAJAPUR	54.71	54.71	0.00	49	SHAJAPUR	47.72	47.68	0.04
50	SHEOPUR	23.10	23.10	0.00	50	SHEOPUR	26.98	26.98	0.00
51	SIDHI	21.18	21.18	0.00	51	SIDHI	20.67	20.67	0.00
52	TIKAMGARH	41.92	41.92	0.00	52	TIKAMGARH	38.10	38.10	0.00

* Action Plan prepared for all Districts, ULB list provided in Annexure

Total MSW Processed comprising all districts

Compliance of rule 22, SWM 2016 (1/2)

S. N.	Activity	Target ULBs	Present Status	Timeline
1	Identification of suitable sites for setting up solid waste processing facilities	413	Completed	-
2	Identification of suitable sites for setting up common regional sanitary landfill facilities for suitable clusters of local authorities under 0.5 million population and for setting up common regional sanitary landfill facilities or stand-alone sanitary landfill facilities by all local authorities having a population of 0.5 million or more	413	Completed	-
3	Procurement of suitable sites for setting up solid waste processing facility and sanitary landfill facilities	413	Completed	-
4	Enforcing waste generators to practice segregation of bio-degradable, recyclable, combustible, sanitary waste domestic hazardous and inert solid wastes at source	413	Completed	-
5	Ensure door to door collection of segregated waste and its transportation in covered vehicles to processing or disposal facilities.	413	In 404 ULBs-100% Remaining 7 ULBs achieved partial segregation	Dec-24

Compliance of rule 22, SWM 2016 (2/2)

S. N.	Activity	Target ULBs	Present Status	Timeline
6	Ensure separate storage, collection and transportation of construction and demolition wastes	413	405 ULBs Remaining 7 ULBs to set up storage and collection facility	Will be completed till Dec 2024
7	Setting up solid waste processing facilities by all Local Bodies having 100000 or more population	33	Completed	-
8	Setting up solid waste processing facilities by Local Bodies and census towns below 100000 population.	380	368 ULBs have SWM facility Remaining 7 to set up plant	Funds approved. Will be completed till Dec 2024
9	Setting up common or stand-alone sanitary landfills by or for all Local Bodies having 0.5 million or more population for the disposal of only such residual wastes from the processing facilities as well as untreatable inert wastes as permitted under the rules	5 Common SLF	Completed	-
10	Setting up common or regional sanitary landfills (SLF) by all Local Bodies and census towns under 0.5 million population for the disposal of permitted waste under the rules	42	3 Completed Out of remaining 39 Common SLF. 10 are approved from NARC, 29 DPR under preparation and approval	Will be completed till Dec 2025
11	Bioremediation or capping of old and abandoned dump sites	137	50 ULBs remediated, 54 ULBs work started, 33 ULBs to remediate	Will be completed till June 2025

Integrated Solid Waste Management Project at Jabalpur



Waste to Energy Plant on PPP Model

- ▶ Katondha Power Plant, Jabalpur developed on PPP Model.
- ▶ 11.5 MW installed capacity of energy plant.
- ▶ 600 TPD Plant capacity
- ▶ Cleanliness has improved environmental conditions.

The project was approved and operational before the enforcement of SWM 2016

The plant is based on mass incineration technology for mixed waste

Processing Facilities in Smaller ULBs of Madhya Pradesh



Processing Facilities –MRF Facility Centre- Bhopal Division



Seoni Malwa, Narmadapuram, 461221, MP, India

Latitude: 22.4967° N
 Longitude: 77.5023° E
 Local: 10:17:03 AM
 Altitude: 308.3 meters
 GMT: 04:47:03 AM
 Monday, 04/17/2023

**Seoni Malwa
(Narmadapuram)**



**Sehore
(Sehore)**



**Itarsi
(Narmadapuram)**



SH 41, Bhainsdehi, Betul, 460220, MP, India

Latitude: 21.6354° N
 Longitude: 77.6136° E
 Local: 03:46:32 PM
 Altitude: 791.3 meters
 GMT: 10:16:32 AM
 Thursday, 04/13/2023

**Bhainsdehi
(Betul)**



Chicholi, Betul, 460330, MP, India

Latitude: 22.0040° N
 Longitude: 77.6716° E
 Local: 12:30:44 PM
 Altitude: 626.4 meters
 GMT: 07:00:44 AM
 Thursday, 04/13/2023

**Chicholi
(Betul)**



**Budni
(Sehore)**



Processing Facilities – Wet Waste to Compost Plant - Bhopal Division



Vaishnavi Nagar, Betul, 460001, MP, India

Latitude	Longitude
21.9233° N	77.9057° E
Local 05:51:36 PM	Altitude 660.7 meters
GMT 12:21:36 PM	Monday, 04/24/2023

Betul
(Betul)



SH 41, Bhainsdehi, Betul, 460220, MP, India

Latitude	Longitude
21.6354° N	77.6136° E
Local 03:48:59 PM	Altitude 789.6 meters
GMT 10:18:59 AM	Thursday, 04/13/2023

Bhainsdehi
(Betul)



Seoni Malwa, Narmadapuram, 461221, MP, India

Latitude	Longitude
22.4967° N	77.5022° E
Local 10:14:19 AM	Altitude 310.0 meters
GMT 04:44:19 AM	Monday, 04/17/2023

Seoni Malwa
(Narmadapuram)



Khirkiya, Harda, 461441, MP, India

Latitude	Longitude
22.1741° N	76.8957° E
Local 05:42:27 PM	Altitude 297.0 meters
GMT 12:12:27 PM	Monday, 04/17/2023

Khirkiya (Harda)



Harda, Harda, 461331, MP, India

Latitude	Longitude
22.3366° N	77.0783° E
Local 12:15:47 PM	Altitude 277.9 meters
GMT 06:45:47 AM	Wednesday, 04/05/2023

Harda (Harda)



MDR 15, Madhya Pradesh 466445, India

Budni (Sehore)

Processing Facilities – Ujjain Division



Dewas –Wet Waste Processing Plant

Dewas –Dry Waste Processing Plant

Ratlam –Wet & Dry Waste Processing Plant

C&D Waste Plant Example – Mungaoli (Ashoknagar)



Processing Facilities – Sagar Division



Sagar Cluster Integrated MSW Processing Plant



Compost Facility Jatara (Tikamgarh)



MRF Khajuraho (Chhatarpur)



C&D Collection Facility Niwari (Niwari)



C&D Collection Facility Bada Malhera (Chhatarpur)

Processing Facilities – Rewa Division



Composting Facility
Nowrozabad (Umariya)



MRF
Pali (Umariya)



MRF
Amarkantak (Anuppur)



Composting Facility Umariya
(Umariya)



C&D Collection Facility
Pali (Umariya)

State of Art Ultra Modern Processing Plants in Indore

10 Ultra Modern Mechanized Transfer Stations



550 TPD Bio CNG Plant (Centralized)



400 TPD Automated MRF (Centralized)



Indore - Bioremediation Transformation Into City Forest (1/2)

2015



15 Lakh MT of Legacy Waste Existed at Dumpsite

2017



2019



Bio-Remediation of 100% Legacy Waste

2020



Indore - Bioremediation Transformation Into City Forest (2/2)

- Reclamation of over 100 acres land worth Rs 300 Cr.
- Transformation into City Forest – 1.50 lac trees planted

2022

PRESENT



Dumpsite Remediation of Legacy Waste – Bhanpur Khanti (Bhopal)



- Technology: Bio Mining & Capping
- Project Cost: 42 Crores (+10 Cr O&M for 5 years)
- Bidding Parameter: Land Reclamation
- 21 acre of land worth Rs. 130 Cr. Reclaimed
- 16 acres of land scientifically capped

Best Practice - Integrated Solid Waste Management Project – Katni Cluster

Waste Processing Plant & Scientific Landfill of Integrated Solid Waste Management, Katni cluster



Katni Msw plant

Katni MSW Plant



Trommel



Aeration Pit



Composting



Animal Carcass Incinerator



Scientific Landfill

Best Practice - Integrated Solid Waste Management Project – Sagar Cluster

Waste Processing Plant & Scientific Landfill photos of Integrated Solid Waste Management, Sagar cluster



Sagar MSW Plant Overview



Sagar MSW Plant



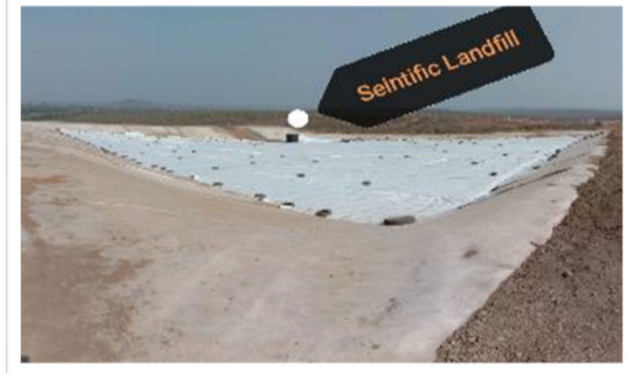
MSW Plant Shed



Trommel



Waste Pit



Scientific Landfill

Best Practice-Integrated Solid Waste Management Project – Rewa Cluster

Waste Processing Plant & Scientific Landfill photos of Integrated Solid Waste Management, Rewa cluster



ISWM Facility



Air Cooled Condenser



TG Hall



Boiler

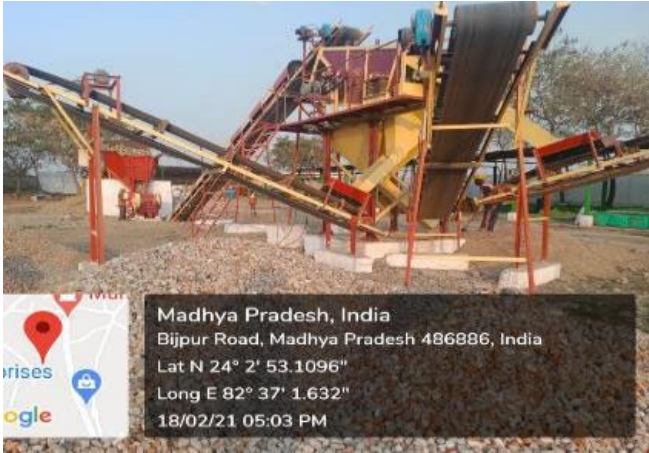


Ash Pit



GPS Map Camera
Sagra, Madhya Pradesh, India
Rewa 132/33kV Substation Rewa, second Pahadhiya, Sagra, Rampur, Madhya Pradesh 486001, India
Lat 24.693988°
Long 81.382426°
08/07/24 04:20 PM GMT +05:30

SBM – Construction & Demolition Waste Plant



Singrauli



Ujjain



Rewa



Sewage Management Progress at a Glance in Madhya Pradesh

Sewage Generation according to Urban Population : 2183.7 MLD

Details	May - 2023	Jan- 2024	Aug - 2024	Six Months Progress
Operational STPs	57 STPs of 1312 MLD	64 STPs of 1436.59 MLD	68 STPs of 1472.79 MLD	4 STP of 36.20 MLD
Utilized Capacity	784.29 MLD	824.34	876.82	↑ 52.48 MLD
Gap in treatment	1399.36 MLD	1359.36	1306.88	↓ 52.48 MLD
Under Construction STPs	49 STPs of 436.79 MLD	44 STPs of 362.86	47 STPs of 339.26	↑ 6 New STPs Of 7.6 MLD
Households connected	9,08,872	992598	1029653	↑ 37055
Waste Water Reused	331.24 MLD	336 MLD	356.78 MLD	↑ 20.78 MLD

Total Reuse of Treated Water – 356.78 MLD

303.26 MLD	Agriculture / Horticulture
53.52 MLD	Firefighting, Fisheries, Street & Vehicle cleaning, Flushing and Construction

FSTPs Current Status	No of FSTPs	Capacity of FSTPs(MLD)
Operational FSTPs	315	16.06

ACTION PLAN for Gap in Treatment

Sewage Generation according to Urban Population : 2183.7 MLD

S.No.	No. of STPs	Capacity (MLD)	Cost (Cr.)	Current Status	Timeline
1	36	235.50	2348.73	Under Construction (AMRUT, KFW, World Bank, Vishesh Nidhi, ADB 1, ADB2,SBM 2.0)	Till Dec 2024
2	9	65.50			Till Dec 2025
3	11	37.26			Till Dec 2026
4	226	805.57	3273.90	Under Tendering process(Amрут ,NMCG , Amрут 2.0,SBM 2.0)	Till Dec 2027
5	202	1263.66	3439.52	Sanctioned and Approved in Amрут 2.0 &SBM 2.0 (MIC/PIC and HSPC in process)	Till Dec 2028
Total	484	2407.49	9062.15		

Singrauli Sewarage



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Jabalpur Sewerage



Jabalpur Sewerage



Best Practice Gwalior– 100% Reuse of Treated Waste-Water



145 MLD STP JALALPUR



65 MLD STP LALTIPARA



4 MLD STP LASHKAR



Irrigation Canal

*In Gwalior for 89.2 MLD treated Effluent is directly fed into the Irrigation canal for **100% reuse***



Irrigation Canal

STPs – Indore Municipal Corp.



Kabitkhedi - 245 MLD



Kabitkhedi - 78 MLD



Naharbhandara - 11 MLD



Zoo - 35 MLD

Indore – Reuse of Treated Waste-Water



OHT 3.0 ML at Meghdoot Garden



Zoo & Bijalpur Reuse Sump – 0.5 & 0.3 ML



Bhopal Sewerage Project (AMRUT-1)



5 MLD STP AT SHIRIN RIVER



6 MLD STP IN NEELBAD



9.5 MLD STP AT BANSAL HOSPITAL

Photo Exhibits of New STPs in other Cities



25 MLD STP IN MORENA



12 MLD STP IN BHIND



17.6 MLD STP IN KHARGONE

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THANK YOU

**LIST OF ULBs FALLING SHORT ON DIFFERENT COMPONENT OF
SOLID WASTE MANAGEMENT – NGT CASE 606/2018**

A) DOOR TO DOOR COLLECTION:

List of 7 ULBs falling Short

S.NO.	DIVISION	DISTRICT	ULB NAME
1	INDORE	KHANDWA	Punasa
2	BHOPAL	RAISEN	Devri
3	SAGAR	SAGAR	Karrapur
4	SAGAR	SAGAR	Sarai
5	REWA	ANUPPUR	Bargawan(Amlai)
6	SAGAR	SAGAR	Bargawan
7	SAGAR	SAGAR	Badodiyakalan

B) SOURCE SEGREGATION OF WASTE

List of 24 ULBs falling Short

Sr. No.	Division	District Name	ULB Name
1	GWALIOR	GWALIOR	ANTRI
2	GWALIOR	GWALIOR	MOHNA
3	GWALIOR	SHIVPURI	MANGRAUNI
4	REWA	REWA	THEOTHAR
5	REWA	REWA	DABHOURA
6	REWA	UMARIA	CHANDIA
7	REWA	UMARIA	MANPUR-U
8	UJJAIN	MANDSAUR	BHAINSODA MANDI
9	BHOPAL	RAISEN	UDAIPURA
10	JABALPUR	MURWARA (KATNI)	BARHI
11	JABALPUR	NARSIMHAPUR	CHICHLI
12	JABALPUR	MANDLA	BHUA BHICHHIA
13	JABALPUR	CHHINDWARA	DONGAR PARASIYA
14	GWALIOR	ASHOKNAGAR	ESAGARH
15	REWA	SHAHNOL	JAYSINGH NAGAR
16	INDORE	BURHANPUR	NEPANAGAR
17	REWA	AGAR MALWA	KANAD
18	INDORE	KHANDWA	Punasa
19	BHOPAL	RAISEN	Devri
20	SAGAR	SAGAR	Karrapur

Sr. No.	Division	District Name	ULB Name
21	SAGAR	SAGAR	Sarai
22	REWA	ANUPPUR	Bargawan(Amlai)
23	SAGAR	SAGAR	Bargawan
24	SAGAR	SAGAR	Badodiyakalan

C) MATERIAL RECOVERY FACILITY

List of 12 ULBs falling short

S.No	DIVISION	DISTRICT	ULB NAME
1.	UJJAIN	SHAJAPUR	MAKSHI
2.	GWALIOR	SHIVPURI	RANNOD
3.	SAGAR	SAGAR	BILHARA
4.	SAGAR	SAGAR	MALTHAUN
5.	SAGAR	SAGAR	SURAKHI
6.	INDORE	KHANDWA	PUNASA
7.	BHOPAL	RAISEN	DEORI
8.	SAGAR	SAGAR	KARRAPUR
9.	REWA	SINGRAULI	SARAI
10.	REWA	ANUPPUR	BARGAWAN (AMLAI)
11.	REWA	SINGRAULI	BARGAWAN
12.	SAGAR	SAGAR	BADODIYAKALAN

D) COMPOSTING UNITS

List of 12 ULBs falling short

S.No	DIVISION	DISTRICT	ULB NAME
1.	UJJAIN	SHAJAPUR	MAKSHI
2.	GWALIOR	SHIVPURI	RANNOD
3.	SAGAR	SAGAR	BILHARA
4.	SAGAR	SAGAR	MALTHAUN
5.	SAGAR	SAGAR	SURAKHI
6.	INDORE	KHANDWA	PUNASA
7.	BHOPAL	RAISEN	DEORI
8.	SAGAR	SAGAR	KARRAPUR
9.	REWA	SINGRAULI	SARAI
10.	REWA	ANUPPUR	BARGAWAN (AMLAI)
11.	REWA	SINGRAULI	BARGAWAN
12.	SAGAR	SAGAR	BADODIYAKALAN

E) List of Sanitary Landfill Cluster Projects

The state has prepared action plan for construction of Sanitary landfill in cluster approach 39 cluster covering 350 ULBs out of which 30 DPRs has been prepared and 9 DPRs are in preparation stage as given below:

Sr. No.	Division	District	Name of Regional SLF	Status
1	Bhopal	Raisen	Baraily (Raisen)	DPR under Process
2	Bhopal	Rajgarh	Bioara (Rajgarh)	DPR Completed
3	Bhopal	Sehore	Sehore	DPR Completed
4	Bhopal	Vidisha	Vidisha (including Raisen)	DPR Completed
5	Chambal	Bhind	Bhind	DPR Completed
6	Chambal	Morena	Morena	DPR Completed
7	Gwalior	Ashoknagar	Ashoknagar	DPR Completed
8	Gwalior	Datia	Datia	DPR Completed
9	Gwalior	Guna	Guna	DPR Completed
10	Gwalior	Gwalior	Gwalior	DPR under Process
11	Gwalior	Shivpuri	Shivpuri	DPR under Process
12	Indore	Barwani	Sendhwa/Barwani	DPR Completed
13	Indore	Burhanpur	Burhanpur	DPR Completed
14	Indore	Dhar	Dhar	DPR Completed
15	Indore	Dhar	Manawar/Dhar	DPR Completed
16	Indore	Indore	Betma	DPR Completed
17	Indore	Jhabua	Jhabua	DPR under Process
18	Indore	Khandwa	Khandwa	DPR Completed
19	Indore	Khargaone	Khargaone	DPR Completed
20	Jabalpur	Balaghat	Balaghat	DPR Completed
21	Jabalpur	Chhindwara	Chhindwara	DPR Completed
22	Jabalpur	Mandla	Mandla	DPR Completed
23	Jabalpur	Seoni	Seoni	DPR Completed
24	Narmadapuram	Betul	Betul	DPR under Process
25	Narmadapuram	Harda	Harda	DPR Completed
26	Narmadapuram	Narmadapuram	Narmadapuram	DPR Completed
27	Sagar	Chhatarpur	Chhatarpur	DPR Completed
28	Sagar	Damoh	Damoh	DPR Completed
29	Sagar	Panna	Panna	DPR Completed
30	Sagar	Tikamgarh	Tikamgarh (alongwith Niwari)	DPR Completed
31	Shahdol	Anuppur	Pasan (Anuppur)	DPR Completed
32	Shahdol	Shahdol	Dhanpuri	DPR under Process

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Sr. No.	Division	District	Name of Regional SLF	Status
33	Shahdol	Shahdol	Shahdol	DPR Completed
34	Shahdol	Umaria	Umaria	DPR Completed
35	Ujjain	Mandsaur	Mandsaur	DPR Completed
36	Ujjain	Neemuch	Neemuch	DPR under Process
37	Ujjain	Ratlam	Ratlam	DPR Completed
38	Ujjain	Shajapur	Shajapur	DPR Completed
39	Ujjain	Ujjain	Nagda	DPR Completed