

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL****PRINCIPAL BENCH, NEW DELHI****ORIGINAL APPLICATION NO. 606/2018****IN THE MATTER OF:****COMPLIANCE OF MUNICIPAL SOLID WASTE MANAGEMENT  
RULES, 2016 AND OTHER ENVIRONMENTAL ISSUES****INDEX**

<b>S. No.</b>	<b>Particulars</b>	<b>Page No.</b>
1.	Action taken report on behalf of State of Madhya Pradesh alongwith affidavit	1-12
2.	<b>Annexure 1:</b> Legacy Waste Current Status	13-17
3.	<b>Annexure 2:</b> ULB Wise updated data on waste generation and processing	18-24
4.	<b>Annexure 3:</b> NABL-Certified Test report certificates of 28 ULBs	25-117
5.	<b>Annexure 4:</b> Details of STPs in the State of Madhya Pradesh	118-119
6.	<b>Annexure 5:</b> Details of operational and under construction and proposed STP's in State of Madhya Pradesh	120-134

7.	<b>Annexure 6:</b> Details of House Service Connection (Sewerage)	135-138
8.	<b>Annexure 7:</b> Details of Sewerage Projects Approved	139-154
9.	<b>Annexure 8 :</b> ULB wise ring fenced allocations	154-164

Filed by:



Rukhmini Bobde  
Advocate for State of Madhya Pradesh  
Address: D-366, Ground Floor, D-Block  
Defence Colony, New Delhi – 110024  
Mob: 8826331113  
Email: bobde.rukhmini@gmail.com

## **Action Taken Report**

In reference to Order Dated 26.09.2024 of Hon'ble National  
Green Tribunal  
Original Application No. 606/2018  
(In respect of the State of Madhya Pradesh)

**Hon'ble National Green Tribunal, Principal Bench**

Order date 10.11.2022 ,14.03.2024 and 26.09.2024

1581

**Compliance on Report Dated: 26.09.2024 BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI Original Application No. 606/2018 (I.A. No. 163/2021)**

S.No	Agenda Points	Compliance Status
<b>[A]: Solid Waste Management</b>		
1.	We find that 22,98,660 Lakh metric tonnes (LMT) of legacy waste is yet to be remediated and out of 87 ULBs, only 54 ULBs have awarded/started the work. Page 1534 shows that the remaining legacy waste is 26.00 LMT, which needs to be clarified.	<p>1(i) In reference to the Hon'ble Tribunal's earlier observation, it is stated that for 87 identified ULBs, the quantity of legacy waste identified was <b>41.29 LMT</b> out of which the current status of remediation is as mentioned below –</p> <ol style="list-style-type: none"> <li>a. Total legacy waste identified for 87 ULBs- 41.29 LMT</li> <li>b. Total legacy waste remediated till date- 28.42 LMT</li> <li>c. Total legacy waste yet to be remediated – 12.87 LMT</li> <li>d. <b>Out of 87 ULBs -</b> <ol style="list-style-type: none"> <li>1. <b>73 ULBs</b> have started remediation work of which <b>32 ULBs</b> have completed their remediation process and have remediated <b>10.62 LMT</b>. Of remaining <b>41 ULBs</b> with Legacy waste of 27.2 LMT, 17.8 LMT has been remediated and for remaining waste work is in progress which is scheduled to be fully remediated by <b>February 2026</b>.</li> <li>2. <b>10 ULBs</b> with legacy waste of 1.83 LMT have received financial approvals and are expected to commence operations shortly and is scheduled to be fully remediated by <b>April 2026</b>.</li> <li>3. <b>4 ULBs</b> with legacy waste of 1.63 LMT are currently in the tendering and evaluation stage and are scheduled to be fully remediated by <b>June 2026</b>.</li> </ol> </li> </ol> <p>1(ii) This progress reflects significant progress since the last review by the Hon'ble Tribunal, demonstrating the State's commitment to timely and effective remediation of Legacy waste. A detailed list of legacy waste processing sites, along with the updated status and reclaimed area, is enclosed as <b>Annexure 1</b>.</p>

Activity for Legacy waste Remediation	Hearing date		Progress		Improvement in percentage points	Current Progress		Improvement in percentage points
	14th March 2024		13th Sept 2024			14th July 2025		
	ULBs	Progress	ULBs	% Progress		ULBs	Progress	
Tender Floated/ Completed	33	38%	87	100%	-	87	100%	-
Work Awarded/ Started	33	38%	54	63%	25%	73	84%	21%
Amount of Waste Remediated (lakh MT)	6	15%	13.5	32.69 %	17.69 %	28.42	69 %	36%
Area reclaimed (in Acre)	31.1	7%	88	20%	13 %	303	69%	49%

2.	We also find that out of 413 ULBs only 87 ULBs have been considered relevant from legacy waste remediation point of view. In the next report, no ULB should be left out, and if so, the reason should be clearly disclosed. We further make it clear that the estimation of legacy waste has to be done properly following accepted laid-down methods rather than depending on assumptions. In view of the aforementioned	<p>2(i) All 413 ULBs in Madhya Pradesh have been considered for legacy waste management. The earlier reference to <b>87 ULBs</b> pertains to those where legacy waste was identified in significant quantities and found viable for remediation.</p> <ol style="list-style-type: none"> <li>a. As per the feedback of empaneled consultants, ULBs with less than <b>10,000 metric tonnes</b> of legacy waste were found to have limited viability for large-scale remediation projects. Based on this evaluation, the State has prioritized ULBs with higher waste volumes for funding under SBM 2.0 to ensure effective implementation and optimal use of resources and those ULBs with less than 10000 metric tonnes quantum are being managed through other SBM 2.0 projects like Material recovery and composting facilities under SBM 2.0.</li> <li>b. <b>50 ULBs have already</b> addressed their legacy waste under SBM 1.0.</li> <li>c. <b>60 ULBs are currently part of a cluster-based</b> Integrated Solid Waste Management Project, implemented through the Public-Private Partnership (PPP) model and is currently processing 100% of daily waste.</li> <li>d. For the remaining 216 ULBs, <b>295 Crores</b> have been <b>approved to upgrade infrastructure of</b> Material recovery and composting facilities aimed at enhancing the efficiency and capacity</li> </ol>
----	---	--

	<p>observations, a review should be undertaken at the level of Secretary UD, involving technical institutions, if required.</p>	<p>of waste processing infrastructure. Current Status of implementation of upgradation are as below: -</p> <table border="1" data-bbox="701 207 1936 727"> <thead> <tr> <th>Division</th> <th>No of ULBs</th> <th>No of Tender Floated</th> <th>No of Work Order Issued Status</th> <th>No of ULBs where Construction Started</th> </tr> </thead> <tbody> <tr> <td>Bhopal</td> <td>29</td> <td>14</td> <td>4</td> <td>3</td> </tr> <tr> <td>Narmadapuram</td> <td>10</td> <td>8</td> <td>3</td> <td>1</td> </tr> <tr> <td>Chambal</td> <td>15</td> <td>5</td> <td>0</td> <td>0</td> </tr> <tr> <td>Gwalior</td> <td>25</td> <td>15</td> <td>7</td> <td>2</td> </tr> <tr> <td>Indore</td> <td>19</td> <td>12</td> <td>5</td> <td>1</td> </tr> <tr> <td>Jabalpur</td> <td>25</td> <td>22</td> <td>2</td> <td>1</td> </tr> <tr> <td>Rewa</td> <td>4</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Shahdol</td> <td>14</td> <td>7</td> <td>3</td> <td>3</td> </tr> <tr> <td>Sagar</td> <td>36</td> <td>23</td> <td>4</td> <td>3</td> </tr> <tr> <td>Ujjain</td> <td>47</td> <td>36</td> <td>14</td> <td>13</td> </tr> <tr> <td>Grand Total</td> <td>224</td> <td>143</td> <td>43</td> <td>28</td> </tr> </tbody> </table> <p>(8 ULBs where Legacy waste is remediated are taken due to their infrastructure enhancement)</p> <p>2(ii) Waste estimation has been carried out using Differential Global Positioning System (DGPS) mapping and contour surveys, ensuring accuracy and eliminating assumptions.</p> <p>2(iii) Projects are being proactively and continuously monitored by the Secretary/ Commissioner, Urban Development, with involvement of technical institutions to reinforce implementation and ensure adherence to environmental and operational standards.</p>	Division	No of ULBs	No of Tender Floated	No of Work Order Issued Status	No of ULBs where Construction Started	Bhopal	29	14	4	3	Narmadapuram	10	8	3	1	Chambal	15	5	0	0	Gwalior	25	15	7	2	Indore	19	12	5	1	Jabalpur	25	22	2	1	Rewa	4	1	1	1	Shahdol	14	7	3	3	Sagar	36	23	4	3	Ujjain	47	36	14	13	Grand Total	224	143	43	28
Division	No of ULBs	No of Tender Floated	No of Work Order Issued Status	No of ULBs where Construction Started																																																										
Bhopal	29	14	4	3																																																										
Narmadapuram	10	8	3	1																																																										
Chambal	15	5	0	0																																																										
Gwalior	25	15	7	2																																																										
Indore	19	12	5	1																																																										
Jabalpur	25	22	2	1																																																										
Rewa	4	1	1	1																																																										
Shahdol	14	7	3	3																																																										
Sagar	36	23	4	3																																																										
Ujjain	47	36	14	13																																																										
Grand Total	224	143	43	28																																																										
3.	<p>After perusal of Annexure 1 (page 1471) we do not find any reason for delaying remediation of legacy waste in smaller ULBs having comparatively lesser quantities of legacy waste like Badagaon, Bijawar, Sarangpur and others. It would be appropriate to</p>	<p>3(i) The State has taken proactive steps to ensure timely remediation of legacy waste in smaller ULBs such as <b>Badagaon, Bijawar, Sarangpur</b>, and others with comparatively lower quantities of waste:</p> <p>a. <b>Three consultants have been empaneled</b> by the State to support ULBs in the preparation of <b>Detailed Project Reports (DPRs), provide Transaction Advisory, and offer Supervision &amp; Monitoring services for the implementation of Solid Waste Management projects.</b> This institutional support ensures technical consistency and accelerates project execution at the ULB level.</p>																																																												

	<p>standardise the remediation process for smaller ULBs and carry out execution simultaneously rather than delaying the process till 2025 trapping them in Technical and Tendering processes.</p>	<p>b. The State has already <b>circulated draft tender documents</b> to all ULBs, allowing them to input basic site-specific data and float tenders independently. This has significantly <b>simplified the process</b> and enabled faster execution while maintaining compliance with <b>CVC guidelines</b></p> <p>c. <b>Standard Operating Procedures (SOPs)</b> for legacy waste remediation have been finalized and embedded in tender documents to ensure uniformity and expedite execution.</p> <p>d. All smaller ULBs with identified legacy waste have been included in the remediation plan. Execution timelines have been aligned to ensure <b>completion as enclosed in Annexure 1</b>.</p> <p>3(ii) The State remains fully committed to completing remediation in all smaller ULBs within the stipulated timeframe.</p>
4.	<p>Waste generation is estimated to be 6798.44 TPD from 413 ULBs and processing of 6723.16 TPD is being done thereby leaving a gap of 75.44 TPD</p>	<p>4(i) It is respectfully submitted that, the estimated daily waste generation across 413 Urban Local Bodies (ULBs) is <b>6798.44 TPD</b>, while the current processing capacity is <b>15736 TPD</b>. (<b>For wet waste</b> Composting plants- 7951 TPD, Bio methanation plants - 597 TPD <b>For Dry waste</b> MRF- 6238 TPD, Waste to energy- 950TPD). At present we are processing 6780.44 TPD, with processing gap of 18 TPD.</p> <p>a. The minor gap is due to routine operational factors such as:</p> <ol style="list-style-type: none"> <li>i. Temporary equipment maintenance,</li> <li>ii. Transportation delays,</li> <li>iii. Logistical constraints.</li> </ol> <p>b. All unprocessed waste is <b>systematically taken up for processing on the next operational day</b>, ensuring <b>no unattended or accumulated waste</b>.</p> <p>c. <b>ULB-wise updated data</b> on waste generation and processing is enclosed as <b>Annexure 2</b></p> <p>d. Earlier identified gap in processing of 75.44 TPD have been reduced to 18 TPD as on date.</p>
5	<p>Annexure 2 (page 1476) discloses fractions arising out of biomining, but analysis of contents of bio soil is not disclosed as such</p>	<p>5(i) It is respectfully submitted that,</p> <p>a. The bio-soil fraction generated through biomining of <b>legacy waste sites</b> primarily originates from aged municipal solid waste of <b>domestic and household origin</b>, which is largely similar in nature across ULBs in Madhya Pradesh.</p>

	<p>material is being disposed of in low-lying areas.</p>	<p>b. Bio-soil samples tested by NABL accredited Labs have been confirmed as non-hazardous and environmentally safe for disposal or land reclamation.</p> <p>c. It is mandatory under contracts to conduct the lab testing of Bio Soil and of the 73 ULBs, where either work is completed (in 32) or ongoing (in 41) testing is carried out from NABL accredited labs.</p> <p>d. A sample set of NABL-certified test certificates from 28 ULBs has been provided for reference in Annexure 3.</p> <p>e. The State has prescribed a <b>standardized testing protocol</b> to be adopted across all ULBs to ensure uniformity and environmental compliance in future disposal practices.</p> <p>5(ii) The State remains committed to ensure that all biomining fractions, including bio-soil, are managed in an <b>environmentally responsible</b> manner.</p>
6	<p>We find that gaps disclosed in waste processing in Annexure 3 (page 1480) appear to be hypothetical. For instance, ULBs like Nalkheda, Bhavra, Pasan, Ghodadogri, Multai, Kasrawad, Deori, Dabhaura etc., disclose very little processing gap which otherwise can be taken into processing rather than indicating as gap.</p>	<p>6(i) It is respectfully submitted that,</p> <p>a. The data presented in the annexure has been <b>consolidated from entries made by the respective Urban Local Bodies (ULBs)</b> through the Swachhtam portal.</p> <p>b. All figures, including those related to <b>waste processing and associated gaps</b>, are <b>self-reported by the ULBs</b>, reflecting their current operational status and infrastructure capabilities.</p> <p>c. Any <b>minor or hypothetical gaps</b> indicated in the data are based on <b>direct submissions from the ULBs</b>.</p> <p>d. The Swachhtam portal allows ULBs to <b>periodically update their data</b>, ensuring that operational changes are accurately reflected.</p> <p>e. <b>Discrepancies or instances of underreporting</b> are addressed through <b>subsequent validations at State level and field verifications</b>, maintaining the integrity of the data.</p>
7	<p>We further find that cities and towns like Bhind, Bhopal, Dewas, Guna, Gwalior, Indore, Jabalpur, Morena, Katni, Ratlam, Rewa, Sagar, Singrauli, Ujjain, Shivpuri and Vidisha are showing 100% waste</p>	<p>7(i) It is respectfully submitted that,</p> <p>a. The data presented regarding the waste processing by the <b>mentioned respective ULBs</b>, has been <b>taken from entries made by them</b> on the <b>Swachhtam portal</b>.</p> <p>b. These Urban Local Bodies (ULBs) have <b>adequate and fully operational waste processing infrastructure as per the current requirements</b>, ensuring that <b>fresh municipal solid waste is not being dumped at legacy waste sites</b>.</p>

<p>processing and under such circumstances, there should not be any legacy waste existing in these cities. Complete details in this regard should be placed on record in the next report.</p>	<ul style="list-style-type: none"> <li>c. ULBs such as <b>Katni, Rewa, Sagar, and Singrauli</b> serve as the <b>Lead ULBs for Cluster Integrated Solid Waste Management (ISWM) projects</b>, which are among one of the initial <b>cluster-based PPP-model initiatives in the solid waste sector in India</b>. These ULBs have the <b>large-scale infrastructure</b> capable of efficiently processing the fresh waste.</li> <li>d. The reported 100% processing figures reflect the <b>effective handling of daily waste generation</b> in these cities since 2022.</li> <li>e. <b>No fresh waste is being added to legacy dumpsites</b>, maintaining compliance with waste management protocols.</li> <li>f. <b>06 ULBs</b> (Bhind, Dewas, Gwalior, Ratlam, Shivpuri and Vidisha) have legacy waste dumpsites among the <b>mentioned respective ULBs</b> are the ones created in the past, and it is being <b>systematically addressed through ongoing (minimum 50% remediation) or completed remediation efforts</b>, ensuring environmental safeguards are upheld.</li> <li>g. Assessment reports for additional quantities of legacy waste have been submitted by respective ULBs, including Gwalior and Ujjain, based on studies conducted by technical institutions such as IIT and NEERI. These assessments have identified further legacy waste volumes beyond earlier estimates. Remediation of these additional quantities will be taken up shortly by the respective ULBs using their own resources, and necessary preparatory actions are currently underway. Follow-up actions for engaging similar expert agencies in other mentioned ULBs are currently in progress, to ensure scientific evaluation and environmentally sound remediation practices.</li> <li>h. Additionally, <b>funds have been approved</b> in these mentioned ULBs (except ISWM) for the upgradation and adoption of <b>new-age waste processing technologies (like Compressed Biogas, Waste to Electricity based on RDF)</b>, with implementation planned to meet requirements <b>till 2026</b>. These projects are currently at <b>various stages of execution</b>.</li> </ul>
---	---

## B. Sewage management

1	<p>Estimated sewage generation is 2183.7 MLD having a treatment capacity of 1472.79 MLD with the installation of 68 STPs. However, only 876.82 MLD is actually treated and the resultant gap is 1306.88 MLD.</p>	<p>1(i) Current status of Sewerage projects in state of urban area-</p> <ul style="list-style-type: none"> <li>a. Total sewerage generation in urban areas of Madhya Pradesh is 2183.7 MLD.</li> <li>b. Existing treatment capacity of STPs is 1539.85 MLD. <b>Summary of STPs enclosed in Annexure 4.</b></li> <li>c. Since the last hearing date 67.07 MLD capacity is increased with addition of 10 new STPs. Under various schemes, 131 STPs of 643 MLD are under construction and 217 STPs with 815.46 MLD capacity are approved. Details of operational STP's, under construction and approved STPs in State of Madhya Pradesh is <b>enclosed as Annexure 5.</b></li> </ul> <ul style="list-style-type: none"> <li>a. Current utilization of existing capacity is 945.71 MLD (68.89 MLD capacity has been increased since last hearing date)</li> <li>b. Current gap in treatment is 1237.99 MLD</li> <li>c. Total House connections connected under various schemes are 11,17,849 out of which 88196 HSC has been done since last hearing date.</li> </ul>
2	<p>STPs are underutilized (Annexure 7) on account of incomplete household connectivity thereby creating a gap in treatment and damaging the recipient environment. Such gap is quite distinct at Bhopal, Indore, Singrauli, Jabalpur, Ujjain, Dewas, Gwalior, Morena, Ratlam and Sagar</p>	<p>2(i) It is respectfully stated that state agrees to the fact that the capacity of STPs is underutilized due to incomplete HSC. However, the state has expedited the HSC and other work by continuous monitoring of projects, consultations and capacity building of stakeholders as well as addressing the site-specific issues. Details of HSC achieved under various schemes are enclosed <b>as Annexure 6</b> for reference.</p>

3	<p>We find from Annexure 8 (page 1510) that proposed STPs at 47 locations with total 339.26 MLD capacity have timelines up to July 2027. It is not clear that why setting up of STP at locations like Maksi for 1.6 MLD, Meghnagar, Alirajpur and others for such small quantity should take such a long time. Further, unless household connectivity is established, these STPs will remain underutilized like existing ones thereby incurring expenditures without proper results.</p>	<p>3 (i) The sewerage project sanctioned under different scheme are shown in the table below.</p> <table border="1" data-bbox="632 147 1822 1114"> <thead> <tr> <th>S.No.</th> <th>No. of ULBs</th> <th>Scheme</th> <th>Capacity (MLD)</th> <th>Cost (Cr.)</th> <th>Tentative Timeline</th> <th>Work status</th> </tr> </thead> <tbody> <tr> <td>1</td> <td rowspan="2">35</td> <td>AMRUT 2.0</td> <td>695.49</td> <td>4932.02</td> <td>Dec 2028</td> <td>1.Work order – 3 2.LoA issued- 3 3.Tender in progress- 21 Work order - 6, 4. DPR under preparation and evaluation- 8</td> </tr> <tr> <td>2</td> <td>AMRUT</td> <td>963.1</td> <td>3776.91</td> <td>Dec 2026</td> <td>Under construction</td> </tr> <tr> <td>3</td> <td>353</td> <td>SBM 2.0</td> <td>869</td> <td>2421.38</td> <td>Dec 2028</td> <td>1.Work order - 106<sup>99</sup> 2.LoA issued- 11<sup>9</sup> 3.Tender in progress- 19<sup>122</sup> 4. DPR under preparation and evaluation- 67<sup>123</sup></td> </tr> <tr> <td>4</td> <td>30</td> <td>KFW, World Bank, ADB, ADB 2.0, Vishesh Nidhi</td> <td>301.03</td> <td>2192.67</td> <td>July 2027</td> <td>Under construction</td> </tr> <tr> <td>Total</td> <td>418</td> <td></td> <td>2828.62</td> <td>13322.69</td> <td></td> <td></td> </tr> </tbody> </table> <p>a) It is respectfully mentioned that house service connections are only covered in ULBs where population is more than 1 Lakh under different Schemes (AMRUT, AMRUT 2.0, KFW, World Bank, ADB, &amp; Vishesh Nidhi) Details of HSC are enclosed in <b>Annexure-6</b>.</p> <p>b) The Used Water Management projects under SBM 2.0 where Interception &amp; Diversion based intervention is mandated for cities with population with less than 1 lakh and where no other sewer-based projects are undergoing or have been implemented.</p> <p>c) The approved projects under SBM 2.0 includes construction of 386 STPs with a cumulative treatment capacity of 869 MLD. ( )</p> <p>d) Details of various sewerage projects approved in state is enclosed as <b>Annexure 07</b>.</p>	S.No.	No. of ULBs	Scheme	Capacity (MLD)	Cost (Cr.)	Tentative Timeline	Work status	1	35	AMRUT 2.0	695.49	4932.02	Dec 2028	1.Work order – 3 2.LoA issued- 3 3.Tender in progress- 21 Work order - 6, 4. DPR under preparation and evaluation- 8	2	AMRUT	963.1	3776.91	Dec 2026	Under construction	3	353	SBM 2.0	869	2421.38	Dec 2028	1.Work order - 106 <sup>99</sup> 2.LoA issued- 11 <sup>9</sup> 3.Tender in progress- 19 <sup>122</sup> 4. DPR under preparation and evaluation- 67 <sup>123</sup>	4	30	KFW, World Bank, ADB, ADB 2.0, Vishesh Nidhi	301.03	2192.67	July 2027	Under construction	Total	418		2828.62	13322.69		
S.No.	No. of ULBs	Scheme	Capacity (MLD)	Cost (Cr.)	Tentative Timeline	Work status																																					
1	35	AMRUT 2.0	695.49	4932.02	Dec 2028	1.Work order – 3 2.LoA issued- 3 3.Tender in progress- 21 Work order - 6, 4. DPR under preparation and evaluation- 8																																					
2		AMRUT	963.1	3776.91	Dec 2026	Under construction																																					
3	353	SBM 2.0	869	2421.38	Dec 2028	1.Work order - 106 <sup>99</sup> 2.LoA issued- 11 <sup>9</sup> 3.Tender in progress- 19 <sup>122</sup> 4. DPR under preparation and evaluation- 67 <sup>123</sup>																																					
4	30	KFW, World Bank, ADB, ADB 2.0, Vishesh Nidhi	301.03	2192.67	July 2027	Under construction																																					
Total	418		2828.62	13322.69																																							

4	<p>We also find from Annexure 8 (page 1512) that 226 STPs are proposed to treat 805.57 mld of sewage for which either DPRs are approved or pending for technical evaluation, etc and such uncertainties raise doubts about compliance with the Water Act and the Order of Hon'ble Supreme Court in Paryavaran Suraksha (2017 5 SCC 326).</p>	<p>4(i) Please refer to the above table.</p> <p>4(ii) Scheme wise details are enclosed in the Annexure 05 and 07.</p>
5	<p>Annexure 9 (page 1519- 1528) needs to be reviewed by Secretary UD to consolidate reliable data for 413 ULBs. The review should address treatment capacities existing, their utilization, discrepancies/correct presentation of data (Gwalior), Overdesign, etc. It should also be ensured that smaller ULBs properly handle O&amp;M issues.</p>	<p>It is respectfully submitted that Secretary/ Commissioner has detailed mechanism to review the progress of various projects through fortnight VCs with ULBs where each project is reviewed. Additionally, it is also reviewed in SLTC (State level technical Committee) as well as divisional level meetings where the project site is physically visited by the Commissioner along with whole team.</p>

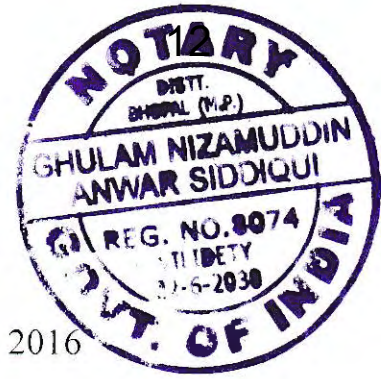
**(C) Ring Fence Account**

The present report discloses allocations for setting up facilities for solid and liquid waste management. However, these allocations are dependent on centrally sponsored/funded schemes. The next report should disclose allocations concerning each ULBs (413) for the management of solid and liquid waste to bridge the gaps.

1(i) It is respectfully submitted that,

- a. **Rs. 13322.69 Crores** amount already approved in the various schemes: Amrut, Amrut 2.0, SBM 2.0, KFW, World Bank, Vishesh Nidhi, ADB, ADB-2, NMCG etc. Project wise detail is enclosed as **Annexure 7** for reference.
- b. Under SBM 2.0, a total of **₹3832.17 Crores** worth of projects has been approved for bridging infrastructure and service gaps in both solid and liquid waste management across the State.
  1. Of this, **₹3134.14 Crores** will be provided as **Central and State** grants.
  2. Remaining **₹696.05 Crores** will be contributed by the **ULBs** through allocations from the **15th Finance Commission** and their **own resources**.
  3. To ensure transparency and accountability, **ULB-wise ring-fenced allocations** have been compiled and are enclosed as **Annexure 8**.

BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI  
ORIGINAL APPLICATION NO. 606 OF 2018



**IN THE MATTER OF:**

Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues.

**AFFIDAVIT**

I, Anurag Jain, S/o Late Shri S.P. Jain, aged about 60 years, Chief Secretary to the Government of Madhya Pradesh R/o Nilayam, Atal Bihari Bajpayee Institute of Good Governance and Policy Analysis, Bhadbhada Road, Bhopal do hereby solemnly affirm and declare as under:-

1. That I am aware of the facts and circumstances of the case. I am competent to swear this affidavit in support of the accompanying Action Taken Report dated 07.07.2025 filed pursuant to the directions of this Hon'ble Tribunal on 26.09.24.
2. That the Action Taken Report along with the Annexures has been prepared in accordance with the directions of this Hon'ble Tribunal passed in the order dated 26.09.24 and I have read and understood the same.
3. That the Action Taken Report along with the Annexures attached therewith is correct and believed to be true to the best of my knowledge.

4. That the Action Taken Report is filed bona fide and in the interest of justice.

DEPONENT

**VERIFICATION:-**

Verified on this July 7<sup>th</sup> day of 2025 at that the contents of the above affidavit are true and correct to the best of my knowledge and nothing has been concealed therein.

IDENTIFIED BY ME  
 NAME: Gaurvanvit Jain  
 ADDRESS: Lawyer Chamber  
 SIGNATURE: Anura Kites Bhopal

SWORN BEFORE ME THIS  
 WITHIN NAMED  
 97 2025  
 GHULAM NIZAMUDDIN  
 ANWAR SIDDIQUI  
 NOTARY/ADVOCATE, BHOPAL (M.P.)

DEPONENT



# Annexure 1

## Legacy Waste Current Status

**Status of Legacy Waste Projects**

S. No.	Division	ULB Name	Legacy waste Quantity (Per MT)	Waste Spread Area (in Acre)	Status During last hearing dated 26.09.2024	Proposed Timeline for Remediation During Last Hearing	Physical Progress	Current Status	Quantity Remediated (MT)	Land Reclaimed till date (Acres)	Proposed Tentative Timeline	Remarks
1	Bhopal	Berasia	24111	4.5	Work Started	Nov-25	100%	Work Completed	24111	4.45	-	-
2	Bhopal	Bareli	16436	1.7	Work Started	Jan-25	100%	Work Completed	16436	1.72	-	-
3	Bhopal	Mandideep	83617	13.8	Work Completed	Nov-25	100%	Work Completed	83617	13.80	-	-
4	Bhopal	Rajgarh_R	12757	3.1	Work Started	Nov-25	100%	Work Completed	12757	3.08	-	-
5	Chambal	Bamore	28102	5.5	Work Started	Nov-25	100%	Work Completed	28102	5.46	-	-
6	Chambal	Kailaras	12160	1.3	Work Started	Nov-25	100%	Work Completed	12160	1.29	-	-
7	Gwalior	Ashoknagar	95096	10.4	Work Started	Nov-25	100%	Work Completed	95096	10.43	-	-
8	Gwalior	Chanderi	27314	2.9	Work Started	Nov-25	100%	Work Completed	27314	2.89	-	-
9	Gwalior	Mungaoli	20616	4.5	LOA Pending	Mar-25	100%	Work Completed	20616	4.53	-	-
10	Gwalior	Radhogarh	32445	6.1	Work Started	Nov-25	100%	Work Completed	32445	6.10	-	-
11	Indore	Alirajpur	24858	1.8	Work Started	Jan-25	100%	Work Completed	24858	1.80	-	-
12	Indore	Rajpur_M	27476	3.9	LOA Issued	Mar-25	100%	Work Completed	27476	3.94	-	-
13	Indore	Dhar	155065	12.3	Work Completed	Nov-25	100%	Work Completed	155065	12.27	-	-
14	Indore	Kukshi	43830	2.6	Work Started	Mar-25	100%	Work Completed	43830	2.56	-	-
15	Indore	Barwaha	54268	3.4	Work Completed	Jan-25	100%	Work Completed	54268	3.43	-	-
16	Indore	Kasrawad	17641	1.6	LOA Pending	Mar-25	100%	Work Completed	17641	1.61	-	-
17	Indore	Maheshwar	42680	4.5	Work Started	Jan-25	100%	Work Completed	42680	4.50	-	-
18	Indore	Mandleshwar	13630	1.6	Work Started	Jan-25	100%	Work Completed	13630	1.59	-	-
19	Jabalpur	Waraseoni	8342	4.8	Work Completed	Nov-25	100%	Work Completed	8342	4.83	-	-
20	Jabalpur	Junnardeo	8645	1.1	LOA Pending	Mar-25	100%	Work Completed	8645	1.06	-	-
21	Jabalpur	Pandhurna	45739	9.8	Work Started	Mar-25	100%	Work Completed	45739	9.78	-	-
22	Jabalpur	Shahpura_D	3809	1.5	Work Started	Mar-25	100%	Work Completed	3809	1.54	-	-
23	Jabalpur	Mandla	60901	5.5	Work Started	Jan-25	100%	Work Completed	60901	5.49	-	-
24	Jabalpur	Nainpur	17440	2.5	Work Started	Jan-25	100%	Work Completed	17440	2.50	-	-
25	Narmadapuram	Multai	16405	2.6	Work Started	Nov-25	100%	Work Completed	16405	2.63	-	-
26	Narmadapuram	Harda	14678	5.5	Work Completed	Nov-25	100%	Work Completed	14678	5.54	-	-
27	Rewa	Beohari	11492	3.4	Work Started	Nov-25	100%	Work Completed	11492	3.40	-	-
28	Sagar	Khajurao	8624	2.9	Work Started	Nov-25	100%	Work Completed	8624	2.91	-	-
29	Sagar	Hatta	6799	6.9	Work Started	Jan-25	100%	Work Completed	6799	6.90	-	-
30	Sagar	Jatara	10358	2.8	Work Started	Nov-25	100%	Work Completed	10358	2.75	-	-
31	Ujjain	Dewas	90183	6.4	Work Started	Jan-25	100%	Work Completed	90183	6.41	-	-
32	Ujjain	Neemuch	26462	1.7	Work Started	Jan-25	100%	Work Completed	26462	1.67	-	-
33	Indore	Manavar	59292	4.4	Work Started	Mar-25	95%	Work Ongoing	56327	4.21	Nov 2025	Remediation process completed, Only RDF disposal left

**Status of Legacy Waste Projects**

**15**

S. No.	Division	ULB Name	Legacy waste Quantity (Per MT)	Waste Spread Area (in Acre)	Status During last hearing dated 26.09.2024	Timeline for Remediation During Last Hearing	Physical Progress	Current Status	Quantity Remediated (MT)	Land Reclaimed till date (Acres)	Proposed Tentative Timeline	Remarks
34	Indore	Bhikangaon	35332	4.5	LOA Pending	Mar-25	95%	Work Ongoing	33565	4.28	Nov 2025	Remediation process completed, RDF disposal is in progress.
35	Jabalpur	Balaghat	65761.48	7.5	Work Started	Mar-25	95%	Work Ongoing	62473	7.12	Nov 2025	Remediation process completed, RDF disposal is in progress.
36	Narmadapuram	Pipariya_M	4379	3.3	LOA Pending	Mar-25	95%	Work Ongoing	4160	3.16	Nov 2025	Remediation process completed, RDF disposal is in progress.
37	Ujjain	Khategaon	24889	2.5	Work Started	Jan-25	95%	Work Ongoing	23645	2.35	Nov 2025	Remediation process completed, RDF disposal is in progress.
38	Ujjain	Mahidpur	20536	3.1	Work Started	Jan-25	95%	Work Ongoing	19509	2.94	Nov 2025	Remediation process completed, RDF disposal is in progress.
39	Bhopal	Vidisha	181179	15.7	Work Started	Mar-25	90%	Work Ongoing	163061	14.12	Nov 2025	Remediation process completed, RDF disposal is in progress.
40	Narmadapuram	Itarsi	31438	4.4	Work Started	Mar-25	90%	Work Ongoing	28294	3.96	Nov 2025	Remediation process completed, RDF disposal is in progress.
41	Narmadapuram	Seoni Malwa	21207	6.2	Work Started	Mar-25	90%	Work Ongoing	19086	5.55	Nov 2025	Remediation process completed, RDF disposal is in progress.
42	Rewa	Nagod	42021	6.0	LOA Pending	Mar-25	90%	Work Ongoing	37819	5.40	Nov 2025	Remediation process completed, RDF disposal is in progress.
43	Ujjain	Shajapur	28378	2.1	Work Started	Jan-25	90%	Work Ongoing	25540	1.92	Nov 2025	Remediation process completed, RDF disposal is in progress.
44	Indore	Jobat	18304	1.9	Work Started	Mar-25	85%	Work Ongoing	15558	1.61	Feb 2026	Delay in onboarding of contractor
45	Indore	Nepanagar	44249	5.3	Financial Evaluation Pending	Mar-25	85%	Work Ongoing	37612	4.54	Feb 2026	Delay in onboarding of contractor
46	Sagar	Damoh	9289	10.6	Financial Evaluation Pending	Mar-25	85%	Work Ongoing	7896	8.98	Feb 2026	Delay in onboarding of contractor
47	Ujjain	Ratlam	316689	14.5	Work Started	Jan-25	80%	Work Ongoing	253351	11.57	Feb 2026	Delay in onboarding of contractor
48	Indore	Pithampur	35716	1.8	LOA Pending	Mar-25	75%	Work Ongoing	26787	1.35	Feb 2026	Delay in onboarding of contractor
49	Indore	Betma	28913	3.7	LOA Pending	Mar-25	75%	Work Ongoing	21685	2.78	Feb 2026	Delay in onboarding of contractor
50	Gwalior	Shivpuri	71328	6.3	LOA Pending	Mar-25	70%	Work Ongoing	49930	4.41	Feb 2026	Delay in onboarding of contractor

**Status of Legacy Waste Projects**

S. No.	Division	ULB Name	Legacy waste Quantity (Per MT)	Waste Spread Area (in Acre)	Status During last hearing dated 26.09.2024	Proposed Timeline for Remediation During Last Hearing	Physical Progress	Current Status	Quantity Remediated (MT)	Land Reclaimed till date (Acres)	Proposed Tentative Timeline	Remarks
51	Indore	Jhabua	63283	2.9	Work Started	Mar-25	70%	Work Ongoing	44298	2.01	Feb 2026	Delay in onboarding of contractor
52	Narmadapuram	Sohagpur	11730	1.1	Tender is live	Mar-25	70%	Work Ongoing	8211	0.78	Feb 2026	Delay in onboarding of contractor
53	Ujjain	Shyamgarh	16137	3.7	Work Started	Mar-25	70%	Work Ongoing	11296	2.57	Feb 2026	Delay in onboarding of contractor
54	Ujjain	Jawara	21222	2.6	LOA Issued	Mar-25	70%	Work Ongoing	14855	1.85	Feb 2026	Delay in onboarding of contractor
55	Narmadapuram	Betul	133958	5.5	Work Started	Mar-25	65%	Work Ongoing	87073	3.58	Feb 2026	Delay in onboarding of contractor
56	Narmadapuram	Narmadapuram	62296	2.3	Work Started	Mar-25	65%	Work Ongoing	40492	1.52	Feb 2026	Delay in onboarding of contractor
57	Bhopal	Pachore	4407	0.8	LOA Pending	Mar-25	60%	Work Ongoing	2644	0.47	Feb 2026	Delay in onboarding of contractor
58	Gwalior	Gwalior	603089	41.1	Work Ongoing	May-25	60%	Work Ongoing	361853	24.65	Feb 2026	Delay in onboarding of contractor
59	Rewa	Shahdol	36883	9.4	Tender is live	Mar-25	51%	Work Ongoing	18626	4.20	Feb 2026	Delay in onboarding of contractor
60	Chambal	Bhind	168691	6.3	Work Started	Mar-25	50%	Work Ongoing	84346	3.13	Feb 2026	Delay in onboarding of contractor
61	Indore	Chhanera	24172	3.9	LOA Pending	Mar-25	50%	Work Ongoing	12086	1.93	Feb 2026	Delay in onboarding of contractor
62	Indore	Khandwa	126998.97	6.9	Work Started	Jan-25	50%	Work Ongoing	63499	3.45	Feb 2026	Delay in onboarding of contractor
63	Indore	Bhavra	11091	1.0	Work Started	Mar-25	40%	Work Ongoing	4436	0.39	Feb 2026	Delay in onboarding of contractor
64	Indore	Badwani	37141	3.6	Work Started	Mar-25	40%	Work Ongoing	14856	1.43	Feb 2026	Delay in onboarding of contractor
65	Indore	Thandla	20583	2.7	Work Started	Mar-25	40%	Work Ongoing	8233	1.06	Feb 2026	Delay in onboarding of contractor
66	Jabalpur	Seoni_M	171413	24.5	Technical Pending	Mar-25	40%	Work Ongoing	68565	9.79	Feb 2026	Delay in onboarding of contractor
67	Sagar	Tikamgarh	85606	9.0	Financial Evaluation Pending	Mar-25	40%	Work Ongoing	34242	3.62	Feb 2026	Delay in onboarding of contractor
68	Bhopal	Biaora	18949	5.6	Financial approval pending (JD)	Mar-25	35%	Work Ongoing	6632	1.96	Feb 2026	Delay in onboarding of contractor
69	Bhopal	Narsingharh	13921	2.5	Financial Evaluation Pending	Mar-25	35%	Work Ongoing	4872	0.89	Feb 2026	Delay in onboarding of contractor
70	Bhopal	Nasrullaganj	12636	1.8	Work Started	Mar-25	10%	Work Ongoing	1264	0.18	Feb 2026	Delay in onboarding of contractor
71	Chambal	Sabargarh	10790	1.5	LOA Pending	Mar-25	10%	Work Ongoing	1079	0.15	Feb 2026	Delay in onboarding of contractor
72	Chambal	Ambah	14219	2.0	LOA Issued	Mar-25	5%	Work Ongoing	711	0.10	Feb 2026	Delay in onboarding of contractor
73	Bhopal	Sarangpur	6254	1.3	Tender is live	Mar-25	0%	LoA Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (5th Call)

Status of Legacy Waste Projects												
S. No.	Division	ULB Name	Legacy waste Quantity (Per MT)	Waste Spread Area (in Acre)	Status During last hearing dated 26.09.2024	Proposed Timeline for Remediation During Last Hearing	Physical Progress	Current Status	Quantity Remediated (MT)	Land Reclaimed till date (Acres)	Proposed Tentative Timeline	Remarks
74	Chambal	Gohad	12892	1.9	To be Retendered	Mar-25	0%	LoA Pending	0	0.00	Apr-26	4th Call, Delayed due on boarding of contractor
75	Chambal	Jaura	17291	2.6	LOA Pending	Mar-25	0%	LoA Pending	0	0.00	Apr-26	Delayed due on boarding of contractor (4th Call)
76	Chambal	Sheopur	28023	2.2	Financial approval pending (JD)	Mar-25	0%	LoA Pending	0	0.00	Apr-26	Delayed due on boarding of contractor
77	Indore	Mhowgaon	20383	1.2	LOA Pending	Mar-25	0%	Technical Evaluation pending	0	0.00	Jun-26	Delayed due on boarding of contractor (7th Call)
78	Indore	Petlawad	31489	6.3	LOA Pending	Mar-25	0%	LoA Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (6th Call)
79	Indore	Ranapur	36988	2.1	Financial Evaluation Pending	Mar-25	0%	LoA Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (3rd Call)
80	Indore	Sanawad	25739	2.3	Financial Evaluation Pending	Mar-25	0%	Technical Evaluation pending	0	0.00	Jun-26	Delayed due on boarding of contractor (6th Call)
81	Narmadapuram	Timarni	4692	0.7	LOA Pending	Mar-25	0%	Work Order Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (3rd Call)
82	Rewa	Anuppur	32143	1.6	Technical Pending	Mar-25	0%	LoA Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (3rd Call)
83	Sagar	Bijawar	1430	1.0	Tender is live	Mar-25	0%	To be Retendered	0	0.00	Jun-26	Delayed due on boarding of contractor (8th Call)
84	Sagar	Chhatarpur	116232	25.2	To be Retendered	Mar-25	0%	Technical Evaluation pending	0	0.00	Jun-26	Delayed due on boarding of contractor (3rd Call)
85	Sagar	Badagaon_T	1958	1.5	LOA Pending	Mar-25	0%	Work Order Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (3rd Call)
86	Ujjain	Agar	12277	1.6	Work Started	Mar-25	0%	Work Ongoing	0	0.00	Apr-26	4th Call, Delayed due on boarding of contractor
87	Ujjain	Alot	11184	1.6	To be Retendered	Mar-25	0%	Work Order Issued	0	0.00	Apr-26	Delayed due on boarding of contractor (3rd Call)
<b>Total</b>			<b>4129070</b>	<b>440.27</b>					<b>2842450</b>	<b>302.79</b>		

## Annexure 2

ULB Wise updated data  
on Waste Generation and  
processing

**Total of 6,738 tonnes per day (TPD) of solid waste is generated across 413 Urban Local Bodies (ULBs) of Madhya Pradesh of which 6719 is processed per day Details are given below:**

S.No	ULBName	ULBID	SW_Generation (TPD)	SW_Collection (TPD)	SW_Processed(TPD)	Gaps in Processing
1	AGAR	802237	7.1	7.1	7.1	0
2	BADAGAON A	802235	1.03	1.03	1.03	0
3	BARODE	802236	3.68	3.68	3.68	0
4	KANAD	802238	5.04	5.04	5.04	0
5	NALKHEDA	802234	3.16	3.16	3.16	0
6	SOYATKALAN	802232	3.09	3.09	3.09	0
7	SUSNER	802233	3.11	3.11	3.11	0
8	ALIRAJPUR	802433	7.74	7.74	7.74	0
9	BHAVRA	802431	4.21	4.21	4.21	0
10	JOBAT	802432	3.74	3.63	3.63	0
11	AMARKANTAK	802421	1.61	1.61	1.61	0
12	ANUPPUR	802419	3.26	3.26	3.23	0
13	BANGAWAN (RAJNAGAR)	900691	5	5	0	5
14	BIJURI	802416	3.26	3.26	3.26	0
15	DOLA	900692	0.65	0.65	0.65	0
16	DUMARKACHAR	900693	1.29	1.29	1.29	0
17	JAITHARI	802420	1.94	1.94	1.94	0
18	Bargawan (Amlai)	New ULB	8.59	5.35	5.35	3
19	KOTMA	802417	1.94	1.94	1.94	0
20	PASAN	802418	4.81	4.81	4.81	0
21	ASHOKNAGAR	802408	24.19	24.19	24.19	0
22	CHANDERI	802407	3.35	3.35	3.35	0
23	ESAGARH	802406	4.32	4.32	4.32	0
24	MUNGAOLI	802409	6.84	6.84	6.84	0
25	PIPARAI	900682	3.6	3.6	3.6	0
26	SHADORA	900156	3.94	3.94	3.94	0
27	BAIHAR	802398	1.61	1.61	1.61	0
28	BALAGHAT	802397	16.68	16.68	16.68	0
29	KATANGI B	802395	1.61	1.61	1.61	0
30	LANGI	802400	2	2	2	0
31	MALAJKHAND	802399	10.65	10.65	10.65	0
32	WARASEONI	802396	4.78	4.78	4.78	0
33	ANJAD	802286	4.19	4.19	4.19	0
34	BADWANI	802285	25.84	25.84	25.84	0
35	KHETIA	802290	3.45	3.45	3.45	0
36	NIWALI BURJURG	900677	3.26	3.26	3.26	0
37	PALSOOD	802288	3.42	3.42	3.42	0
38	PANSEMAL	802289	3.13	3.13	3.13	0
39	RAJPUR M	802287	7	7	7	0
40	SENDHWA	802291	19.68	19.68	19.68	0
41	THIKARI	900678	3.06	3.06	3.06	0
42	AMLA	802340	10.06	10.06	10.06	0
43	ATHNER	802334	1.03	1.03	1.03	0
44	BETUL	802335	36.19	36.19	36.19	0
45	BETUL BAZAAR	802336	4.23	4.23	4.23	0
46	BHAINSDEHI	802333	2.32	2.32	2.32	0
47	CHICHOLI	802337	1.19	1.19	1.19	0
48	GHODADOGRI	900702	1.74	1.74	1.74	2
49	MULTAI	802339	6	6	6	0
50	SARNI	802338	28.97	28.97	28.97	0
51	SHHPUR	900703	2.16	2.16	2.16	0
52	AKODA	802091	3.68	3.68	3.68	0
53	ALAMPUR	802098	4.45	4.45	4.45	0
54	BHIND	802090	70.52	70.52	70.52	0
55	DABOH	802099	6.48	6.48	6.48	0
56	GOHAD	802094	8.97	8.97	8.97	0
57	GORMI	802093	6.39	6.39	6.39	0
58	LAHAR	802097	8.48	8.48	8.48	0
59	MALANPUR	900680	3.39	3.39	3.39	0
60	MAU	802095	6.39	6.39	6.39	0
61	MEHGAON	802092	6.45	6.45	6.45	0
62	MIHONA	802096	5.1	5.1	5.1	0
63	PHUPHKALAN	802089	3.71	3.71	3.71	0
64	RAUN	900681	2.94	2.94	2.94	0
65	BERASIA	802311	3.21	3.21	3.21	0
66	BHOPAL	802312	821	821	821	0
67	BURHANPUR	802439	59.5	59.5	59.5	0
68	NEPANAGAR	802441	8.29	8.23	8.23	0
69	SHHPUR B	802440	3.61	3.61	3.61	0
70	BADALMALHERA	802142	3.63	3.63	3.63	0

S.No	ULBName	ULBID	SW_Generation (TPD)	SW_Collection (TPD)	SW_Processed(TPD)	Gaps in Processing
71	BIJAWAR	802145	3.73	3.73	3.73	0
72	BUXWAHA	802146	2.32	2.32	2.32	0
73	CHANDALA	802134	2.23	2.23	2.23	0
74	CHHAT ARPUR	802139	31.69	31.69	31.69	0
75	GADIMALHARA	802137	3.9	3.9	3.9	0
76	GHUWARA	802143	2.79	2.79	2.79	0
77	HARPALPUR	802135	3.37	3.37	3.37	0
78	KHAJURAO	802141	5.58	5.58	5.58	0
79	LAVKUSH NAGAR	802133	3.7	3.7	3.7	0
80	MAHARAJPUR	802138	5.29	5.29	5.29	0
81	NOGAON	802136	6.75	6.75	6.75	0
82	RAJNAGAR	802140	2.98	2.98	2.98	0
83	SATAI	802144	3.17	3.17	3.17	0
84	WARIGARH	802132	2.56	2.56	2.56	0
85	AMARWARA	802377	7.31	7.31	7.31	0
86	BADKUHI	802385	2.72	2.72	2.72	0
87	BICHHUUA	900160	1.78	1.78	1.78	0
88	CHAND	900161	2.67	2.67	2.67	0
89	CHANDAMETA BUTARIA	802384	4.21	4.21	4.21	0
90	CHHINDWARA	802386	55.65	55.65	55.65	0
91	CHORAI	802379	1.38	1.38	1.38	0
92	DAMUA	802381	9.12	9.12	9.12	0
93	DONGAR PARASIYA	802383	18.14	18.14	18.14	0
94	HARRAI	802378	1.97	1.97	1.97	0
95	JUNNARDEO	802380	10.13	10.13	10.13	0
96	LODHIKHEDA	802389	3.26	3.26	3.26	0
97	MOHGAON	802388	3.35	3.35	3.35	0
98	NEWTONCHIKHLI	802382	1.89	1.89	1.89	0
99	PANDHURNA	802391	13.55	13.55	13.55	0
100	PIPLANARAYANWAR	802390	1.87	1.87	1.87	0
101	SAUSAR	802387	5.17	5.17	5.17	0
102	DAMOH	802167	26.84	26.84	26.84	0
103	HATTA	802164	4.08	4.08	4.08	0
104	HINDORIYA	802166	4.49	4.49	4.49	0
105	PATERA	900165	4.56	4.56	4.56	0
106	PATHARIYA	802165	4.91	4.91	4.91	0
107	TENDUKHEDA D	802168	2.52	2.52	2.52	0
108	BADONI	802110	4.58	4.58	4.58	0
109	BHANDER	802111	7.84	7.84	7.84	0
110	DATIA	802109	38.9	38.9	38.9	0
111	INDERGARH MP	802108	8.1	8.1	8.1	0
112	SEONDHA	802107	7.58	7.58	7.58	0
113	BAGLI	802254	2.95	2.95	2.95	0
114	BHAURASA	802245	2.32	2.32	2.32	0
115	DEWAS	802248	109.92	109.92	109.92	0
116	HATPIPLIYA	802255	3.71	3.71	3.71	0
117	KANNOD	802249	3.91	3.91	3.91	0
118	KANTHAPHOD	802251	2.3	2.3	2.3	0
119	KARNAWAD	802253	2.95	2.95	2.95	0
120	KHATEGAON	802256	3.97	3.97	3.97	0
121	LOHARDA	802250	2.35	2.35	2.35	0
122	NEEMAWAR	900166	1.71	1.71	1.71	0
123	PIPALRAWAN	802247	2.85	2.85	2.85	0
124	SATWAS	802252	3.39	3.39	3.39	0
125	SONKATCH	802246	3.32	3.32	3.32	0
126	TONKHURD	802244	2.41	2.41	2.41	0
127	BADNAWAR	802257	5.26	5.26	5.26	0
128	DAHI	802264	2.26	2.26	2.26	0
129	DHAMNOD D	802266	8.23	8.23	8.23	0
130	DHAR	802260	36.77	36.77	36.77	0
131	DHARAMPURI	802267	6.29	6.29	6.29	0
132	KUKSHI	802263	7.82	7.82	7.82	0
133	MANAVAR	802265	9.22	9.22	9.22	0
134	MANDAV	802262	3.02	3.02	3.02	0
135	PITHAMPUR	802261	41.55	41.55	41.55	0
136	RAJGARH D	802258	5	5	5	0
137	SARDARPUR	802259	3.84	3.84	3.84	0
138	DINDORI D	802371	4.1	4.1	4.1	0
139	SHAHPURA D	802370	2.48	2.48	2.48	0
140	ARON	802404	7.53	7.53	7.53	0
141	CHACHODABINAGANJ	802405	6.15	6.15	6.15	0
142	GUNA	802401	51.77	51.77	51.77	0
143	KUMBHRAJ	802403	7.13	7.13	7.13	0

S.No	ULBName	ULBID	SW_Generation (TPD)	SW_Collection (TPD)	SW_Processed(TPD)	Gaps in Processing
144	MADHUSUDANGARH	900683	2.85	2.85	2.85	0
145	RADHOGARH	802402	7.91	7.91	7.91	0
146	ANTRI	802106	4.03	4.03	4.03	0
147	BILAU A	802102	3.46	3.46	3.46	0
148	BITARWAR	802105	5.52	5.52	5.52	0
149	DABRA	802104	13.8	13.8	13.8	0
150	GWALIOR	802100	444.29	444.29	444.29	0
151	MOHNA	900684	3.29	3.29	3.29	0
152	PICHHORE	802103	5.68	5.68	5.68	0
153	HARDA	802342	23.06	23.06	23.06	0
154	KHIRKIYA	802341	3.9	3.9	3.9	0
155	SIRALI	900704	3.97	3.97	3.97	0
156	TIMARNI	802343	3.26	3.26	3.26	0
157	BABAI	802347	3.42	3.42	3.42	0
158	HOSHANGABAD	802346	23.55	23.55	23.55	0
159	ITARSI	802345	20.42	20.42	20.42	0
160	PIPARIYA M	802349	3.48	3.48	3.48	0
161	SEONI MALWA	802344	3.94	3.94	3.94	0
162	SOHAGPUR	802348	3.77	3.77	3.77	0
163	VANKHEDI	900171	2.9	2.9	2.9	0
164	BETMA	802270	4.06	4.06	4.06	0
165	DEPALPUR	802269	9.68	9.68	9.68	0
166	GAUTAMPURA	802268	4	4	4	0
167	HATHOD	802271	3.14	3.14	3.14	0
168	INDORE	802273	1,005.1	1,005.1	1,005.1	0
169	MANPUR	802277	2.74	2.74	2.74	0
170	MHOWGAON	802276	7.29	7.29	7.29	0
171	RAU	802274	13.68	13.68	13.68	0
172	SANWER	802272	3.32	3.32	3.32	0
173	BERALA M	802363	3.94	3.94	3.94	0
174	BHEDAGHAT	802362	1.19	1.19	1.19	0
175	JABALPUR	802361	522.65	522.65	522.65	0
176	KATANGI J	802357	5.34	5.34	5.34	0
177	MANIHOLI J	802356	3.55	2.77	2.77	1
178	PANAGAR	802364	6.77	6.77	6.77	0
179	Punasa	New ULB	4.3	4.	4.	0
180	PATAN MP	802358	3.07	3.07	3.07	0
181	SHAHPUR BHITONI	802359	3.48	3.48	3.48	0
182	SIHORA	802355	15	15	15	0
183	JHABUA	802429	9.68	9.68	9.68	0
184	MEGHNAGAR	900157	1.13	1.13	1.13	0
185	PETLAWAD	802428	5	5	5	0
186	RANAPUR	802430	3.61	3.61	3.61	0
187	THANDLA	802427	3.87	3.87	3.87	0
188	CHHANERA	802434	4.18	4.18	4.18	0
189	KHANDWA	802435	46.11	46.11	46.11	0
190	MUNDI	802437	7.1	7.1	7.1	0
191	OMKARESHWAR	802436	3.43	3.42	3.42	0
192	PANDHANA	802438	3.84	3.76	3.76	0
193	BARWAHA	802278	7.4	7.4	7.4	0
194	BHIKANGAON	802283	4.52	4.52	4.52	0
195	BIST AAN	900679	3.87	3.87	3.87	0
196	KARHI PANDLYA	900158	3.12	3.12	3.12	0
197	KASRAWAD	802282	6.52	6.52	6.52	0
198	KHARGONE	802284	39.68	39.68	39.68	0
199	MAHESHWAR	802280	7.03	7.03	7.03	0
200	MANDLESHWAR	802281	3.35	3.35	3.35	0
201	SANAWAD	802279	10.39	10.39	10.39	0
202	BAMHANI	802374	4.92	4.92	4.92	0
203	BHUA BHICHHIA	802375	3.68	3.68	3.68	0
204	MANDLA	802373	18.87	18.87	18.87	0
205	NAINPUR	802376	9.5	9.5	9.5	0
206	NIWAS	802372	3.97	3.97	3.97	0
207	BHAINSODA MANDI	900701	2.86	2.86	2.86	0
208	BHANPURA	802205	5.81	5.81	5.81	0
209	GAROTH	802209	2.66	2.66	2.66	0
210	MALHARGARH	802206	0.94	0.94	0.94	0
211	MANDSAUR	802211	24.13	24.13	24.13	0
212	NAGRI M	802212	1.34	1.34	1.34	0
213	NARAYANGARH	802207	0.65	0.65	0.65	0
214	PIPALYA MANDI	802208	1.9	1.9	1.9	0
215	SHYAMGARH	802210	1.55	1.55	1.55	0
216	SITAMAU	802213	1.19	1.19	1.19	0

S.No	ULBName	ULBID	SW_Generation (TPD)	SW_Collection (TPD)	SW_Processed(TPD)	Gaps in Processing
217	SUWASRA	802214	0.98	0.98	0.98	0
218	AMBAH	802081	10.29	10.29	10.29	0
219	BAMORE	802084	9.58	9.58	9.58	0
220	JAURA	802085	9.71	9.71	9.71	0
221	JHUNDPURA	802087	3.19	3.16	3.16	0
222	KAILARAS	802086	9.29	9.29	9.29	0
223	MORENA	802083	91.94	91.94	91.94	0
224	PORSA	802082	9.84	9.84	9.84	0
225	SABALGARH	802088	9.77	9.77	9.77	0
226	BARHI	802352	4.1	4.1	4.1	0
227	KATNI	802351	113.68	113.68	113.68	0
228	KYMORE	802353	5.18	5.18	5.18	0
229	VIJAY RADHOGARH	802354	3.97	3.97	3.97	0
230	CHICHLI	900163	3.03	3.03	3.03	0
231	GADARWARA	802366	11.88	11.88	11.88	0
232	GOTE GAON	802365	15.58	15.58	15.58	0
233	KARELI	802368	9.78	9.78	9.78	0
234	NARSINGHPUR	802367	8.13	8.13	8.13	0
235	SAINKHEDA	900159	3.19	3.19	3.19	0
236	SALICHOKA	900162	3	3	3	0
237	TENDUKHEDA N	802369	3.39	3.26	3.26	0
238	ATHANA	900167	1.02	1.02	1.02	0
239	DIKEN	802196	1.16	1.16	1.16	0
240	JAWAD	802197	2	2	2	0
241	JEERAN	802201	0.16	0.16	0.16	0
242	KUKDESHWAR	802204	2.26	2.26	2.26	0
243	MANASA	802203	4.33	4.31	4.31	0
244	NAYAGAON	900168	1.33	1.33	1.33	0
245	NEEMUCH	802200	32.92	32.92	32.92	0
246	RAMPURA	802202	2.48	2.48	2.48	0
247	RATANGARH N M	802199	1.1	1.1	1.1	0
248	SARWANIA MAHARAJ	900169	0.52	0.52	0.52	0
249	SINGOLI	802198	1.13	1.13	1.13	0
250	JERON KHALSA	802122	2.32	2.32	2.32	0
251	NIWARI	802120	3.48	3.48	3.48	0
252	ORCHHA	802121	4.02	4.02	4.02	0
253	PRITHVIPUR	802123	3.82	3.82	3.82	0
254	TARICHARKALA	802119	3.26	3.26	3.26	0
255	AJAIGARH	802147	2.75	2.75	2.75	0
256	AMANGANJ	802151	4.04	4.04	4.04	0
257	DEVENDRA NAGAR	802149	4.65	4.65	4.65	0
258	GUNNOR	900696	3.9	3.9	3.9	0
259	KIKRATHI	802150	4.1	4.1	4.1	0
260	PANNA	802148	11.34	11.34	11.34	0
261	PAWAI	802152	4.36	4.36	4.36	0
262	BAADI	802330	3.96	3.96	3.96	0
263	BARELI	802329	4.61	4.61	4.61	0
264	Deori	New ULB	4.98	4.	4.	1
265	BEGUMGANJ	802325	4.45	4.45	4.45	0
266	GAIRATGANJ	802324	1.81	1.81	1.81	0
267	MANDIDEEP	802327	8.61	8.61	8.61	0
268	OBEDULLAGANJ	802328	5.6	5.6	5.6	0
269	RAISEN	802323	5.03	5.03	5.03	0
270	SANCHI	802322	3.74	3.74	3.74	0
271	SILWANI	802331	3.87	3.87	3.87	0
272	SULTANPUR R	802326	2.95	2.95	2.95	0
273	UDAIPURA	802332	4.47	4.47	4.47	0
274	BIAORA	802299	6.53	6.53	6.53	0
275	BODA	802302	0.9	0.9	0.9	0
276	CHHAPIHEDA	802295	1	1	1	0
277	JEERAPUR	802293	2.3	2.3	2.3	0
278	KHILCHIPUR	802294	2.12	2.12	2.12	0
279	KHUJNER	802297	3.45	3.45	3.45	0
280	KURAWAR	900154	3.87	3.87	3.87	0
281	MACHALPUR	802292	1.03	1.03	1.03	0
282	NARSINGGARH	802301	4.87	4.87	4.87	0
283	PACHORE	802303	6.85	6.85	6.85	0
284	RAJGARH R	802296	4.65	4.65	4.65	0
285	SARANGPUR	802300	4.84	4.84	4.84	0
286	SUTHALIA	802298	3.87	3.87	3.87	0
287	TALEN	802304	1.01	1.01	1.01	0
288	ALOT	802218	7.01	7.01	7.01	0
289	BADAWADA	802217	3.29	3.29	3.29	0

S.No	ULBName	ULBID	SW_Generation (TPD)	SW_Collection (TPD)	SW_Processed(TPD)	Gaps in Processing
290	DHAMNOD R	802223	3.29	3.29	3.29	0
291	JAWARA	802216	18	18	18	0
292	NAMLI	802221	2.51	2.51	2.51	0
293	PIPLODHA	802215	3.39	3.39	3.39	0
294	RATLAM	802222	112.81	112.81	112.81	0
295	SAILANA	802220	1.52	1.52	1.52	0
296	TAL	802219	2.9	2.9	2.9	0
297	BAIKUNTHPUR M	802183	2.9	2.9	2.9	0
298	CHAKGHAT	802180	2.97	2.97	2.97	0
299	DABHOURA	900690	0.05	0.05	0.05	0
300	GOVINDGARH	802190	2.39	2.39	2.39	0
301	GURH	802191	3.75	3.41	3.41	0
302	HANUMANA	802186	3.29	3.26	3.26	0
303	MANGAVA	802184	2.52	2.52	2.52	0
304	MAUGANJ	802187	8.06	8.06	8.06	0
305	NAJ GARHI	802188	2.48	2.48	2.48	0
306	REWA	802189	114.08	114.08	114.08	0
307	SEMARIA	802185	1.42	1.42	1.42	0
308	SIRMOUR	802182	2.74	2.74	2.74	0
309	THEOTHAR	802181	2.48	2.42	2.42	0
310	BAANDRI	900697	5.77	5.77	5.77	0
311	BANDA	802155	6.82	6.82	6.82	0
312	Badodiyakalan	New ULB	8.62	7.9	7.9	1
313	karrapur	New ULB	7.46	6.3	6.3	1
314	BILHARA	900698	4.39	4.39	4.39	0
315	BINA ETAWA	802153	17.04	17.04	17.04	0
316	DEORI S	802163	6.29	6.29	6.29	0
317	GARHAKOTA	802161	4.83	4.83	4.83	0
318	KHURAI	802154	23.16	23.16	23.16	0
319	MAKRONIA	900172	6.1	6.1	6.1	0
320	MALTHAUN	900699	4.29	4.29	4.29	0
321	RAHATGARH	802157	8.52	8.52	8.52	0
322	REHLI	802162	4.03	4.03	4.03	0
323	SAGAR	802159	134.21	134.21	134.21	0
324	SHAHGARH	802156	5.9	5.9	5.9	0
325	SHAHPUR S	802158	2.63	2.63	2.63	0
326	SURAKHI	900700	6.13	6.13	6.13	0
327	AMARPATAN	802178	3.71	3.68	3.68	0
328	BIRSINGHPUR	802172	3.39	3.39	3.39	0
329	CHITRAKOOT	802171	2.9	2.88	2.88	0
330	JAITWARA	802173	1.16	1.16	1.16	0
331	KOTAR	802177	3.23	3.2	3.2	0
332	KOTHI	802169	2.9	2.9	2.9	0
333	MAIHAR	802179	5.4	5.4	5.4	0
334	NAGOD	802174	8.36	8.36	8.36	0
335	Bargawan	New ULB	10.51	9.11	9.11	1
336	NEW RAMNAGAR	900164	3.61	3.61	3.61	0
337	RAMPUR BHAGHELAN	802176	4.19	4.16	4.16	0
338	SATNA	802170	133	133	133	0
339	UCHEHRA	802175	3.87	3.87	3.87	0
340	ASHTA MP	802315	13.87	13.87	13.87	0
341	BUDNI	802320	5.73	5.73	5.73	0
342	ICHHAWAR	802318	1.35	1.35	1.35	0
343	JAWAR	802317	3.06	3.06	3.06	0
344	KOTHRI	802316	3.1	3.1	3.1	0
345	NASRULLAGANJ	802319	3.52	3.52	3.52	0
346	REHTI	802321	2.81	2.81	2.81	0
347	SEHORE	802314	20.01	20.01	20.01	0
348	SHAHGANJ	900127	3.55	3.55	3.55	0
349	BARGHAT	802394	2	2	2	0
350	CHAPARA	900688	2.58	2.58	2.58	0
351	KEWLARI	900689	1.97	1.97	1.97	0
352	LAKHNADOAN	802392	3.83	3.83	3.83	0
353	SEONI M	802393	18.71	18.71	18.71	0
354	BAKHO	900694	0.65	0.65	0.65	0
355	BEOHARI	802411	3.06	3.06	3.06	0
356	BURHAR	802414	2.92	2.92	2.92	0
357	DHANPURI	802415	6.93	6.93	6.93	0
358	JAYSINGH NAGAR	802412	1.83	1.83	1.83	0
359	KHAND	802410	2.09	2.09	2.09	0
360	SHAHDOL	802413	26.36	26.36	26.36	0
361	AKODIA	802242	3.15	3.15	3.15	0
362	MAKSHI	802240	3.49	3.49	3.49	0

S.No	ULBName	ULBID	SW_Generation (TPD)	SW_Collection (TPD)	SW_Processed(TPD)	Gaps in Processing
363	PALAYKALA	802243	2.87	2.87	2.87	0
364	PANKHEDI KALAPIPAL	900170	2.58	2.58	2.58	0
365	SHAJAPUR	802239	19.76	19.76	19.76	0
366	SHUJALPUR	802241	13.81	13.81	13.81	0
367	BADODA	802080	6.35	6.35	6.35	0
368	BIJAYPUR	802078	5.77	5.77	5.77	0
369	SHEOPUR	802079	10.97	10.97	10.97	0
370	BADARWAS	802116	2.1	2.1	2.06	0
371	BAIRAD	900155	6.48	6.48	6.48	0
372	KARERA	802114	6.9	6.9	6.9	0
373	KHANIADHANA	802118	5.42	5.42	5.42	0
374	KOLARAS	802115	1.61	1.61	1.61	0
375	MANGRAUNI	900685	3.61	3.61	3.61	0
376	Sarai	New ULB	8.48	6.83	6.83	2
377	NARWAR	802113	6.61	6.61	6.61	0
378	PICHHOR	802117	3.83	3.83	3.83	0
379	POHARI	900686	4.26	4.26	4.26	0
380	RANNOD	900687	3.87	3.87	3.87	0
381	SHIVPURI	802112	79.03	79.03	79.03	0
382	CHURHAT	802423	4	4	4	0
383	MANJHOLI S	802425	1.94	1.94	1.94	0
384	RAMPURNEKIN	802422	3.16	3.16	3.16	0
385	SIDDHI	802424	11.55	11.55	11.55	0
386	SINGRAULI	802426	92.56	92.56	92.56	0
387	BADAGAON T	802131	2.1	2.1	2.1	0
388	BALDEVGARH	802127	2.97	2.97	2.97	0
389	JATARA	802125	3.08	3.08	3.08	0
390	KARI	802129	3.87	3.87	3.87	0
391	KHARGAPUR	802128	3.34	3.34	3.34	0
392	LIDHORAKHAS	802124	2.8	2.8	2.8	0
393	PALERA	802126	3.9	3.9	3.9	0
394	TIKAMGARH	802130	10.22	10.22	10.22	0
395	BADNAGAR	802231	5.84	5.84	5.84	0
396	KHACHROD	802224	6.57	6.57	6.48	0
397	MAHIDPUR	802227	15.48	15.48	15.48	0
398	MAKDONE	802229	4.03	4.03	4.03	0
399	NAGDA	802225	30.68	30.68	30.68	0
400	TARANA	802228	4	4	4	0
401	UJJAIN	802230	275.64	275.64	275.64	0
402	UNHEL	802226	3.32	3.32	3.32	0
403	CHANDIA	802193	3.23	3.2	3.2	0
404	MANPUR-U	900695	4.1	4.1	4.1	0
405	NAWROZABAD	802195	3.34	3.34	3.34	0
406	PALI M	802194	4.84	4.8	4.8	0
407	UMARIYA	802192	10.77	10.68	10.68	0
408	GANJBASODA	802308	11.61	11.61	11.61	0
409	KURWAI	802307	1.35	1.35	1.35	0
410	LATERI	802305	2.85	2.85	2.85	0
411	SHAMSHABAD	802309	3	3	3	0
412	SIRONJ	802306	7.03	7.03	7.03	0
413	VIDISHA	802310	51.94	51.94	51.94	0
<b>Total</b>			<b>6,738</b>	<b>6,726</b>	<b>6,719</b>	<b>18</b>

## Annexure 3

NABL- Certified Test report  
certificates of 28 ULBs



# SHRI OM TESTING & RESEARCH LABORATORY 1605 26

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida-201301

Mob.: 9821154906, 8076937396

E-mail.: shriomlab@gmail.com, Web.: www.shriomlab.com, www.shriomlab.in

GSTIN: 09ADHFS2444J1ZS

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST REPORT

REPORT NO : STRL2504202505-04

ISSUE DATE : 25.04.2025

ISSUE TO : M/S ECOGATEWAY PRIVATE LIMITED

211, GRAM DANDI, GANGOTRI NAGAR, PRAYAGRAJ (U.P)

SITE ADDRESS : TRENCHING GROUND, BIOREMEDIATION SITE,  
DHAMNOD - MADHYA PRADESH-454552

Sample Description: Soil

### RESULTS

(Soil Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling

: 20.04.2025

Location

: TRENCHING GROUND, BIOREMEDIATION  
SITE, DHAMNOD

Sampling Protocol

: STRL/STP/SOIL/01

Sample Quantity

: 1000 gm

Sample Packing

: Zip Polybag

Analysis Duration

: 21.04.2025 TO 25.04.2025

S.No.	Parameters	Results	Units	Protocols
01	Soil colour	Brown	brown red to black	IS: 2720 (part-4), 1985 (Reaff:2015)
02	pH	8.45	--	IS:2720 (Part-26), 1987
03	Bulk Density	1.48	g/cc	STRL/SOP/S/07
04	Organic Carbon	0.39	%	STRL/SOP/S/08
05	Electrical Conductivity	924	µmhos/cm	IS: 2720 (P-21)
06	Moisture Content	11.9	%	STRL /STP/SOIL/01
07	Exchangable Potassium	198	mg/kg	STRL/SOP/S/01
08	Chloride	0.32	%	STRL/SOP/S/01
09	Nitrogen	0.90	%	STRL/SOP /SOIL/01
10	Phosphorous	24.7	mg/kg	STRL/SOP/S/05
11	C:N Ratio	0.38	--	ASTM D 5373 guidelines (by Calculation)

Page (01 of 02)

Shri Om Testing & Research Laboratory,  
Ravinder Kumar Sharma

R Sharma  
25/04/25  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

1606

27

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida-201301

Mob.: 9821154906, 8076937396

E-mail.: shriomlab@gmail.com, Web.: www.shriomlab.com, www.shriomlab.in

GSTIN: 09ADHFS2444J1ZS

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST REPORT

Report No. : STRL2504202505-04

12	Organic matter	1.38	%	STRL/STP/SOIL/01
13	Calcium	750.4	mg/kg	APHA 22 <sup>nd</sup> End 2012 (3120.B)
14	Exchangable Magnesium (as Mg)	248.8	mg/kg	USEPA3050B/3051/3052
15	Cation Exchange Capacity	3.98	meq/100gm	IS: 2720 (P26)1987
16	Water Holding Capacity	42.4	%	STRL/SOP /SOIL/01
17	Porosity	74.1	%	STRL /STP/SOIL/01
18.	Exchangable Sodium	161	mg/kg	STRL/SOP/S/02
19	Absorption ratio	0.45	%	STRL/SOP/S/08
20	Silt	54	%	IS: 2720 (P-4)1985
21	Clay	22	%	IS: 2720 (P-4)1985
22	Sand	25	%	IS: 2720 (P-4)1985
23	Zinc	3.28	mg/kg	STRL/SOP /SOIL/01
24	Iron	0.80	mg/kg	ICP-OES
25	Magnesium (as Mg)	276	mg/kg	USEPA3050B/3051/3052
26	Nickel	0.20	mg/kg	ICP-OES
27	Lead	0.70	mg/kg	ICP-OES
28	Chromium	0.44	mg/kg	ICP-OES
29	Copper	0.08	mg/kg	ICP-OES
30	Texture	Sandy Loam	....	IS: 2720 (P-4)1985

Note: - Soil it is fit for disposal.

**\*\*End of Report\*\***

Page (02 of 02)

Shri Om Testing & Research Laboratory  
Ravinder Kumar Sharma

*R Sharma*  
25/4/25  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)



# SHRI OM TESTING & RESEARCH LABORATORY 1607 28

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

GSTIN : 09ADHFS2444J1ZS

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST REPORT

REPORT NO : STRL18032025013

ISSUE DATE: 18.03.2025

ISSUE TO : M/S ECOGATEWAY PRIVATE LIMITED  
GANGOTRI NAGAR , PRAYAGRAJ (U.P)

SITE ADDRESS : TRENCHING GROUND (FSTP PLANT )  
WARD NO 5, SH1, KASRAWAD KHURD,  
KASRAWAD, KHARGONE , MADHYA PRADESH -451228

Sample Description: Soil

### RESULTS

(Soil Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 11.03.2025  
Location : TRENCHING GROUND (FSTP PLANT )  
Sampling Protocol : STRL/STP/SOIL/01  
Sample Quantity : 1000 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 12.03.2025 TO 18.03.2025

S.No.	Parameters	Results	Units	Protocols
01	Soil colour	Brown	brown red to black	IS: 2720 (part-4), 1985 (Reaff:2015)
02	pH	8.76	--	IS:2720 (Part-26), 1987
03	Bulk Density	1.28	g/cc	STRL/SOP/S/07
04	Organic Carbon	0.39	%	STRL/SOP/S/08
05	Electrical Conductivity	854	µmhos/cm	IS: 2720 (P-21)
06	Moisture Content	11.3	%	STRL /STP/SOIL/01
07	Exchangable Potassium	202	mg/kg	STRL/SOP/S/01
08	Chloride	0.37	%	STRL/SOP/S/01
09	Nitrogen	0.99	%	STRL/SOP /SOIL/01
10	Phosphorous	26.4	mg/kg	STRL/SOP/S/05
11	C:N Ratio	0.368	--	ASTM D 5373 guidelines (by Calculation)

Page (01 of 02)

Shri Om Testing & Research Laboratory  
Ravinder Kumar Sharma

*R Sharma*

Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.



## TEST REPORT

(This Test Report is not valid without hologram)

Date : 18.03.2024

Sample ID No. : KDMTL/2403140001

Name of Client/Department : Chief Municipal Officer, Nagar Palika Parishad Chanderi Distt. Ashoknagar (M.P)

Letter Ref. No. : Dated : 13.03.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite  
Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Chanderi Distt. Ashoknagar (M.P)

Name of Agency/Contractor : M/s Om Sai Vison

Type of Material : Lagacy Waste (Bio-Soil)

Date of Sample Received : 14.03.2024

Date of Sample Testing : 14.03.2024 to 18.03.2024

### Chemical Properties

S. No.	Particular	Method of Test IS-2720	Test Value	Requirements
1	pH Value	IS: 2720 (Part-26)	8.35	6.5 - 9.5
2	Moisture	IS: 2720 (Part-08)	18.4	15.0-25.0
3	Total Organic Carbon	IS: 2720 (Part-22)	23.46%	12% Min.
4	Total Nitrogen	IS: 6092 (Part-02)	1.04%	0.8% Min.
5	Total Phosphate	IS: 6092 (Part-3)/Sec2	0.52%	0.4% Min.
6	Total Potassium	IS: 6092 (Part-2)	0.74%	0.4% Min.

Remarks:



AUTHORIZED SIGNATORY  
Name: Priyesh Gangele  
Designation: TM

\*\*\*\*End Report\*\*\*\*

Note

- Results relate only to the sample (s) under test in as received condition and applicable parameter (s)
- This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- The sample will be stored upto three month from the date of issue of test report unless otherwise specified

Page No. 1 of 1



# 1609 ENVIRO-TECH SERVICES

*An Analytical Laboratory*



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO.: ETS/1004-1/01/2024

DATE OF REPORT: 06.01.2024

### ANALYSIS REPORT

**Name And Address of Customer** : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

**Date of Sampling** : 01.01.2024  
**Analysis Start Date** : 02.01.2024  
**Analysis End Date** : 06.01.2024  
**Sample ID No** : 1004-1  
**Sampling Done By** : ETS STAFF  
**Sampling Location** : ECOSTAN INFRA PVT LTD TRENCHING GROUND NEAR NEW MANDI ARON  
ROAD ASHOKNAGAR(M.P)-473331

**Sampling Weight (In Kg)** 10.47, 11.20, 11.42

S. No.	Test Parameter	Unit	Result			Test Method
1	pH	...	5.4			
2	Bulk Density	Mt/cum	1.05			IS:2386(P-3)-1963
S. No.	Test Parameter	Unit	Result			Test Method
			Sample 1	Sample 2	Sample 3	
3	Biodegraded Fraction	% w/w	18.02%	16.67%	21.49%	On-Site Physical Verification
4	Plastic, Polythene, Tetra Packs Etc	% w/w	2.76%	6.95%	6.05%	
5	Paper and Card Board	% w/w	4.96%	1.52%	2.11%	
6	Horticulture Waste & Wooden Piece	% w/w	1.24%	4.55%	2.11%	
7	Metal	% w/w	0.67%	0.42%	0.51%	
8	Textiles	% w/w	1.43%	5.17%	6.05%	
9	Glass	% w/w	4.96%	1.60%	4.65%	
10	Leather, Rubber Etc	% w/w	5.05%	3.48%	2.19%	
11	Heavy Fractions	% w/w	24.50%	25.23%	23.07%	
12	Coarser Fraction	% w/w	15.54%	12.04%	15.70%	
13	Fine Fractions	% w/w	20.88%	22.38%	16.06%	
	Total		100.0%	100.0%	100.0%	
S. No.	Test Parameter	Unit	Result			
14	Moisture	% w/w	21.40			ASTM D3173-87 (1996)
15	ASH Content	% w/w	25.45			ASTM D3174-97
16	Total Volatile Content (LOI)	% w/w	22.07			ASTM D3175-89a (1997)
17	Total Organic Carbon (TOC)	% w/w	25.08			IS:228 (P-1) :1987
18	Calorific Value	Cal/Kg	878.40			Bomb Calorimeter
19	C/N Ration	-	13.02			Computation
20	Total Nitrogen	Mg/kg	1.80			ASTM D 3179-89(1997)
21	Total Phosphates (P2O5)	% w/w	2.04			IS:228 (P-3) :1987
22	Total Potassium (K2o )	% w/w	1.67			USEPA 6010C :2007

\*\*\*\*\*End of Test Report\*\*\*\*\*

**CHECKED BY**  
**SHRADDHA GUPTA**

For ENVIRO-TECH SERVICES  
30

**AUTHORIZED SIGNATORY**

Format No ETS/LAB/TR-09, Issue No. 01, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Note:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our Laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





1610

31

# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
**C-108, Mahavir Vihar, Sector-1**  
**Dwarka New Delhi- 110045**

Report No. : **STRL16102023038-07**  
 Issue Date. : **16.10.2023**

Sample Description:- MSW (Five Sample)

### RESULTS (Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 11.10.2023  
 Sampling Location : Julwaniya Dumpsite, Municipal Corporation ,Ratlam  
 Sampling Protocol : Site Collection  
 Sample Quantity : 1000 gm  
 Analysis Duration : 12.10.2023 to 16.10.2023

### RESULTS

S.No	Parameters	Results Location 01	Results Location 02	Results Location 03	Results Location 04	Result Location 05	Mean	Protocols
01.	Bulk Density kg/m <sup>3</sup>	0.85	0.86	0.85	0.83	0.86	0.85	IS:2386(Pt-3)1963
02.	Moisture content % by mass	13.2	12.6	13.1	14.3	14.8	13.6	ASTM (03173-87) - 1996

\*\*End of Report\*\*

For Shri Om Testing & Research Laboratory

ISHWAR BHARDWAJ  
 Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
 2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
 3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
 4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL16102023038-04**  
Issue Date. : **16.10.2023**

Sample Description: **INERT**

**RESULTS**  
(Quality Analysis)

**SAMPLING DETAILS**

Date of Sampling : 11.10.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/INERT/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 12.10.2023 to 16.10.2023

SNo	Parameters	Units	Results	Limits	Test Method
01	Colour	-	Dark Brown to Black	Brown to Black	Visual
02	Odour	-	No Odour	Absence of found odour	FCO SCH.IV PART-A:1985
03	Moisture Content	%	15.1	15-25	FCO SCH.IV PART-D2:1985
04	Bulk Density	gm/cc	0.95	<1.0	FCO SCH.II PART-B3:1985
05	Organic Carbon	% by mass	12.76	12Min	FCO SCH.IV PART-D5:1985
06	Total Nitrogen (as N)	% by mass	0.86	0.8 Min.	FCO SCH.II PART-B3:1985
07	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% by mass	0.42	0.4 Min.	FCO SCH.IV PART-D8:1985
08	Total potash as k <sub>2</sub> O	% by mass	0.41	0.4 Min.	FCO SCH.IV PART-D9:1985
09	C/N Ration	-	14.83	<20.0	FCO SCH.IV PART-D7:1985
10	pH Valu (1:2 )	-	7.16	6.5-7.5	FCO SCH.III PART-D1:1985
11	E. Conductivity	dsm <sup>1</sup>	4.9	4.0 Max.	FCO SCH.IV PART-D4:1985
12	Arsenic (as As <sub>2</sub> O <sub>3</sub> )	mg/kg	BLQ (0.1)	10 Max.	FCO SCH.IV PART-D10:1985
13	Cadmium (as Cd)	mg/kg	BLQ (0.1)	5.0 Max	FCO SCH. IV PART-D10:1985
14	Chromium (as Cr)	mg/kg	24.7	50 Max	FCO SCH. IV PART-D10:1985
15	Copper (as Cu)	mg/kg	13.8	300 Max.	FCO SCH. IV PART- D10:1985
16	Nickel (as Ni)	mg/kg	1.86	50 Max.	FCO SCH. IV PART- D10:1985
17	Lead (as Pb)	mg/kg	11.5	100 Max.	FCO SCH. IV PART- D10:1985
18	Zinc (as Zn)	mg/kg	0.011	1000 Max.	FCO SCH. IV PART- D10:1985
19	Mercury (as Hg)	mg/kg	BLQ (0.1 )	0.15 Max	COLD VAPOR TESTING
20	E.Coli	Per gm	Present	Nil	FCO SCH.III PART-D1C:1985

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

*ISHWAR DHARDWAJ*  
16/10/23  
ISHWAR DHARDWAJ  
Technical Manager  
Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL16102023038-05**  
Issue Date. : **16.10.2023**

Sample Description :- Leachate Water

### RESULTS

(Leachate Water Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 11.10.2023  
Sampling Location : Julwanlya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sample Quantity : 2000 ml  
Analysis Duration: : 12.10.2023 to 16.10.2023

S. No.	Parameters	Units	Results	Test Method
01	pH	-	7.39	IS: 3025(Pt-11) 1983, Reaff2017
02	Total Dissolved Solids	mg/l	11453	IS: 3025(Pt-16) 1984, Reaff2017
03	Arsenic (as As)	mg/l	1.86	APHA 23nd Ed. 2017, 3120 B
04	Total Suspended Solid	mg/l	1918	IS:3025(Part-17)
05	Chemical Oxygen Demand (asO <sub>2</sub> )	mg/l	10980	IS:3025(Part-58)
06	Biological Oxygen Demand (5 days at 27 DegC)	mg/l	2112	IS:3025(Part-44)
07	Lead (as pd)	mg/l	26.6	AHP 23ND Ed. 2017, 3120 B
08	Arsenic (as As)	mg/l	4.61	AHP 23ND Ed. 2017, 3120 B
09	Cadmium (as Cd)	mg/l	<1.0	AHP 23ND Ed. 2017, 3120 B
10	Chromium (as cr <sup>6+</sup> )	mg/l	16.6	AHP 23ND Ed. 2017, 3120 B

**\*\*End of Report\*\***

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

16/10/23  
IS-16102023038-05  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory

4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL16102023038-03**  
Issue Date. : **16.10.2023**

### Sample Description: RDF

#### SAMPLING DETAILS

Date of Sampling : 11.10.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/RDF/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 12.10.2023 to 16.10.2023

#### RESULTS (RDF Quality Analysis)

S.No	Parameters	Units	Result	Test Method
01	Moisture Content	%	11.9	ASTM D3173-87-1996
02	Gross Calorific Value	Cal/gm	2368	ASTM D5865-99A

**\*\*End of Report\*\***

For Shri Om Testing & Research Laboratory

16/10/23  
ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited. ISO 9001. ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST-REPORTS

Report No : STRL14112023042-06

16	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B / 3111B (AAS)
17	Manganese(as Mn)	mg/l	0.1	0.3	0.01	APHA 22 <sup>nd</sup> Ed., 3120 B/ 3111B(AAS)
18	Sulphate (as SO <sub>4</sub> )	mg/l	200	400	39.8	IS: 3025(Pt-24)1986, Reaff. 2014
19	Nitrate(as NO <sub>3</sub> )	mg/l	45	No Relaxation	19.7	IS: 3025(Pt-34)1988, Reaff. 2014
20	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	0.001	0.002	<0.001	APHA 22 <sup>nd</sup> Ed., 5530 (c)
21	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 22 <sup>nd</sup> Ed. 3120 B, 3112 (AAS-VGA)
22	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 22 <sup>nd</sup> Ed. 3120 B /3111B (AAS)
23	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B / 3114, AAS-VGA
24	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B/ 3114, AAS-VGA
25	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 4500 CN
26	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B /3111B AAS
27	Zinc (as Zn)	mg/l	5	15	0.03	APHA 22 <sup>nd</sup> Ed., 3120 B / 3111 B (AAS)
28	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	APHA 22 <sup>nd</sup> Ed., 5540 (c)
29	Aluminum (as AL)	mg/l	0.03	1	0.1	APHA 22 <sup>nd</sup> Ed., 5540 (c)
Bacteriological Parameters						
01	Total Coll form MPN/100ml		Should be absent		Absent	IS: 1622-1981 (Reaff.2003)
02	E.coli/100ml		Should be absent		Absent	IS: 1622-1981 (Reaff.2003)

Remarks: The Sample Test IS-10500-2012( WATER) Specification, w.r.t for above Parameters

\*\*End of Report \*\*

Page No (02 of 02)

For Shri Om Testing & Research Laboratory

ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.
2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.
3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.
4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL16102023038-08**  
Issue Date. : **16.10.2023**

### RESULT

(Ambient Air Level)

#### SAMPLING & ANALYSIS DATA

Date of Sampling	:	11.10.2023
Sample Description	:	Ambient Air
Sample Drawn By	:	STRL Staff
Sampling location	:	Julwaniya Dumpsite, Municipal Corporation, Ratlam
Sampling Plan & Procedure	:	STRL SOP/AIR01
Ambient Temperature (°C)	:	29° C
Average Flow Rate of SPM (m <sup>3</sup> /min.)	:	1.0
Average Flow Rate of Gases (lpm)	:	1.0
Sampling Instrument Used	:	Respirable Dust Sampler (PM <sub>10</sub> ) Fine Particulate Sampler (PM(PM <sub>2.5</sub> ) With Gaseous Attachment
Weather Condition	:	Clear
Analysis Duration	:	12.10.2023 to 16.10.2023

#### TEST RESULT

S.No.	Parameter	Test Method	Results	Units	Limits as per CPCB
01	Particulate Matter (PM <sub>10</sub> )	IS:5182 (P-23)	98.2	µg /m <sup>3</sup>	100.0
02	Particulate Matter (PM <sub>2.5</sub> )	IS: 5182 (P-24)	58.1	µg /m <sup>3</sup>	60.0
03	Sulphur dioxide (as SO <sub>2</sub> )	IS:5182 (P-2)	12.8	µg /m <sup>3</sup>	80.0
04	Nitrogen dioxide (as NO <sub>2</sub> )	IS:5182 (P-6)	20.5	µg /m <sup>3</sup>	80.0
05	Carbon Monoxide (as CO)	IS:5182 (P-10)	0.4	Mg/m <sup>3</sup>	4.0
06	Odour	Organoleptic	Slight Odour	-	-
07	Methane (As CH <sub>4</sub> )	APHA AIR	7.13	ppm	-
08	Hydrogen Sulphide (as H <sub>2</sub> S)	IS:5182 (P-7)	<0.001	ppm	-
09	Ammonia (as NH <sub>3</sub> )	IS:5182 (P-25)	40.4	µg /m <sup>3</sup>	400.0

\*End of Report \*

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

*Handwritten Signature*  
16/10/23  
ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.
2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.
3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.
4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



1616

37

# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Report No : STRL16102023038-06

16	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B / 3111B (AAS)
17	Manganese(as Mn)	mg/l	0.1	0.3	0.01	APHA 22 <sup>nd</sup> Ed., 3120 B/ 3111B(AAS)
18	Sulphate (as SO <sub>4</sub> )	mg/l	200	400	38.4	IS: 3025(Pt-24)1986, Reaff. 2014
19	Nitrate(as NO <sub>3</sub> )	mg/l	45	No Relaxation	18.2	IS: 3025(Pt-34)1988, Reaff. 2014
20	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	0.001	0.002	<0.001	APHA 22 <sup>nd</sup> Ed., 5530 (c)
21	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 22 <sup>nd</sup> Ed. 3120 B, 3112 (AAS-VGA)
22	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 22 <sup>nd</sup> Ed. 3120 B /3111B (AAS)
23	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B / 3114, AAS-VGA
24	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B/ 3114, AAS-VGA
25	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 4500 CN
26	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B /3111B AAS
27	Zinc (as Zn)	mg/l	5	15	0.02	APHA 22 <sup>nd</sup> Ed., 3120 B / 3111 B (AAS)
28	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	APHA 22 <sup>nd</sup> Ed., 5540 (c)
29	Aluminum (as AL)	mg/l	0.03	1	0.1	APHA 22 <sup>nd</sup> Ed., 5540 (c)
<b>Bacteriological Parameters</b>						
01	Total Coli form MPN/100ml		Should be absent		Absent	IS: 1622-1981 (Reaff.2003)
02	E.coli/100ml		Should be absent		Absent	IS: 1622-1981 (Reaff.2003)

Remarks: The Sample Test IS-10500-2012( WATER) Specification, w.r.t for above Parameters

\*\*End of Report \*\*

Page No (02 of 02)

For Shri Om Testing & Research Laboratory

  
ISHWAR CHANDRA  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.00

- Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.
2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.
3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.
4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL16102023038-06**  
Issue Date. : **16.10.2023**

Sample Description: **Ground Water**

### RESULTS (Water Quality Analysis)

#### SAMPLING DETAILS

Date of Sample received : **11.10.2023**  
Sampling Location : **Julwaniya Dumpsite , Municipal Corporation, Ratlam**  
Sample Collected by : **STRL STAFF**  
Sampling Protocol : **IS-3025(P-1)1987**  
Sampling Quantity : **2500ml**  
Sample Packing : **Plastic Bottle**  
Analysis Duration : **12.10.2023 to 16.10.2023**

SR.No.	Parameters	Units	Limits (as per IS:10500-2012)		Results	Test Method
			Desirable Limit	Permissible Limit		
01	Color	Hazen	5	15	<5	IS: 3025(Pt-4) 1983, Reaff. 2017
02	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-5) 1983, Reaff. 2017
03	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-8)-1984, Reaff. 2017
04	Turbidity	NTU	1	5	<1.0	IS: 3025(Pt-10)-1984, Reaff 2017
05	Temperature	°C	-	-	22.1	IS: 3025(Pt-9)1984 Reaff 2002
06	Electric Conductivity	µmhos/cm	-	-	1408	IS: 3025(Pt-14)2013
07	Total Suspended Solid	mg/l	-	-	<5.0	IS: 3025(Pt-17)1984 Reaff 2012
08	pH	-	6.5-8.5	No Relaxation	7.52	IS: 3025(Pt-11)1983, Reaff. 2017
09	Total Hardness (as CaCO <sub>3</sub> )	mg/l	200	600	536	IS: 3025(Pt-21)1983, Reaff. 2014
10	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.3	APHA 22 <sup>nd</sup> Ed., 3120B (3111B(AAS),
11	Chlorides (as Cl)	mg/l	250	1000	214	IS: 3025(Pt-32)1988, Reaff. 2014
12	Fluoride (as F)	mg/l	1	1.5	<0.1	APHA 22 <sup>nd</sup> Ed., 4500F(D)
13	TDS	mg/l	500	2000	846	IS: 3025(Pt-16)1984, Reaff. 2017
14	Calcium (as Ca <sup>2+</sup> )	mg/l	75	200	68.4	IS :3025(Pt-40)1991, Reaff. 2014
15	Magnesium (as Mg <sup>2+</sup> )	mg/l	30	100	87.9	APHA 22 <sup>nd</sup> Ed., 3500-Mg (B)

Page No (01 of 02 )

For Shri Om Testing & Research Laboratory

ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory

4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL14112023042-06**  
Issue Date : **14.11.2023**

Sample Description: **Ground Water**

### RESULTS (Water Quality Analysis)

#### SAMPLING DETAILS

Date of Sample received : **09.11.2023**  
Sampling Location : **Julwaniya Dumpsite , Municipal Corporation, Ratlam**  
Sample Collected by : **STRL STAFF**  
Sampling Protocol : **IS-3025(P-1)1987**  
Sampling Quantity : **2500ml**  
Sample Packing : **Plastic Bottle**  
Analysis Duration : **10.11.2023 to 14.11.2023**

SR.No.	Parameters	Units	Limits (as per IS:10500-2012)		Results	Test Method
			Desirable Limit	Permissible Limit		
01	Color	Hazen	5	15	<5	IS: 3025(Pt-4) 1983, Reaff. 2017
02	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-5) 1983, Reaff. 2017
03	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-8)-1984, Reaff. 2017
04	Turbidity	NTU	1	5	<1.0	IS: 3025(Pt-10)-1984, Reaff 2017
05	Temperature	°C	-	-	22.4	IS: 3025(Pt-9)1984 Reaff 2002
06	Electric Conductivity	µmhos/cm	-	-	1560	IS: 3025(Pt-14)2013
07	Total Suspended Solid	mg/l	-	-	<5.0	IS: 3025(Pt-17)1984 Reaff 2012
08	pH	-	6.5-8.5	No Relaxation	7.51	IS: 3025(Pt-11)1983, Reaff. 2017
09	Total Hardness (as CaCO <sub>3</sub> )	mg/l	200	600	546	IS: 3025(Pt-21)1983, Reaff. 2014
10	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.3	APHA 22 <sup>nd</sup> Ed., 3120B ( 3111B(AAS),
11	Chlorides (as Cl)	mg/l	250	1000	219	IS: 3025(Pt-32)1988, Reaff. 2014
12	Fluoride (as F)	mg/l	1	1.5	<0.1	APHA 22 <sup>nd</sup> Ed., 4500F(D)
13	TDS	mg/l	500	2000	936	IS: 3025(Pt-16)1984, Reaff. 2017
14	Calcium (as Ca <sup>2+</sup> )	mg/l	75	200	66.2	IS :3025(Pt-40)1991, Reaff. 2014
15	Magnesium (as Mg <sup>2+</sup> )	mg/l	30	100	92.8	APHA 22 <sup>nd</sup> Ed., 3500-Mg (B)

Page No (01 of 02 )

For Shri Om Testing & Research Laboratory

*ISHWAR BHARDWAJ*  
14/11/23  
ISHWAR BHARDWAJ  
Technical Manager  
Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL14112023042-04**  
Issue Date. : **14.11.2023**

Sample Description: **INERT**

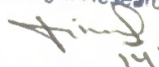
**RESULTS**  
(Quality Analysis)

**SAMPLING DETAILS**

Date of Sampling : 09.11.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/SOIL/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 10.11.2023 to 14.11.2023

SNo	Parameters	Units	Results	Limits	Test Method
01	Colour	-	Dark Brown to Black	Brown to Black	Visul
02	Odour	-	No Odour	Absence of found odour	FCO SCH.IV PART-A:1985
03	Moisture Content	%	17.9	15-25	FCO SCH.IV PART-D2:1985
04	Bulk Density	gm/cc	0.93	<1.0	FCO SCH.II PART-B3:1985
05	Organic Carbon	% by mass	12.9	12 Min	FCO SCH.IV PART-D5:1985
06	Total Nitrogen (as N)	% by mass	0.86	0.8 Min.	FCO SCH.II PART-B3:1985
07	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% by mass	0.43	0.4 Min.	FCO SCH.IV PART-D8:1985
08	Total potash as k <sub>2</sub> O	% by mass	0.43	0.4 Min.	FCO SCH.IV PART-D9:1985
09	C/N Ration	-	15.0	<20.0	FCO SCH.IV PART-D7:1985
10	pH Valu (1:2 )	-	7.49	6.5-7.5	FCO SCH.III PART-D1:1985
11	E. Conductivity	dsm <sup>1</sup>	3.7	4.0 Max.	FCO SCH.IV PART-D4:1985
12	Arsenic (as As <sub>2</sub> O <sub>3</sub> )	mg/kg	BLQ (0.1)	10 Max.	FCO SCH.IV PART-D10:1985
13	Cadmium (as Cd)	mg/kg	BLQ (0.1)	5.0 Max	FCO SCH. IV PART-D10:1985
14	Chromium (as Cr)	mg/kg	23.14	50 Max	FCO SCH. IV PART-D10:1985
15	Copper (as Cu)	mg/kg	14.3	300 Max.	FCO SCH. IV PART- D10:1985
16	Nickel (as Ni)	mg/kg	1.71	50 Max.	FCO SCH. IV PART- D10:1985
17	Lead (as Pb)	mg/kg	12.1	100 Max.	FCO SCH. IV PART- D10:1985
18	Zinc (as Zn)	mg/kg	0.011	1000 Max.	FCO SCH. IV PART- D10:1985
19	Mercury (as Hg)	mg/kg	BLQ (0.1 )	0.15 Max	COLD VAPOR TESTING
20	E.Coli	Per gm	Present	Nil	FCO SCH.III PART-D1C:1985

Page No (01 of 01)

For Shri Om Testing & Research Laboratory  
  
 14/11/23  
**ISHWAR BHARDWAJ**  
 Technical Manager  
 Authorised Signatory  
 (Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.00

Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory

4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL16102023038-02**  
Issue Date. : **16.10.2023**

Sample Description: Bio -Soil

### RESULTS

(Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 11.10.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/Bio-SOIL/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 12.10.2023 to 16.10.2023

SNo	Parameters	Units	Results	Limits	Test Method
01	Colour	-	Dark Brown to Black	Brown to Black	Visual
02	Odour	--	No Odour	Absence of found odour	FCO SCH.IV PART-A:1985
03	Moisture Content	%	16.78	15-25	FCO SCH.IV PART-D2:1985
04	Bulk Density	gm/cc	1.22	1.0 (Aprox)	FCO SCH.II PART-B3:1985
05	Organic Carbon	% by mass	12.88	12.0 Min	FCO SCH.IV PART-D5:1985
06	Total Nitrogen (as N)	% by mass	0.88	0.8 Min.	FCO SCH.II PART-B3:1985
07	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% by mass	0.42	0.4 Min.	FCO SCH.IV PART-D8:1985
08	Total potash as k <sub>2</sub> O	% by mass	0.44	0.4 Min.	FCO SCH.IV PART-D9:1985
09	C/N Ration	-	14.63	<20.0	FCO SCH.IV PART-D7:1985
10	pH Valu (1:2 )	-	7.48	6.5-7.5	FCO SCH.III PART-D1:1985
11	E. Conductivity	dsm <sup>1</sup>	5.34	4.0 Max.	FCO SCH.IV PART-D4:1985
12	Arsenic (as As <sub>20.3</sub> )	mg/kg	BLQ (0.1)	10 Max.	FCO SCH.IV PART-D10:1985
13	Cadmium (as Cd)	mg/kg	BLQ (0.1)	5.0 Max	FCO SCH. IV PART-D10:1985
14	Chromium (as Cr)	mg/kg	14.71	50 Max	FCO SCH. IV PART-D10:1985
15	Copper (as Cu)	mg/kg	4.32	300 Max.	FCO SCH. IV PART- D10:1985
16	Nickel (as Ni)	mg/kg	1.89	50 Max.	FCO SCH. IV PART- D10:1985
17	Lead (as Pb)	mg/kg	20.5	100 Max.	FCO SCH. IV PART- D10:1985
18	Zinc (as Zn)	mg/kg	0.011	1000 Max.	FCO SCH. IV PART- D10:1985
19	Mercury (as Hg)	mg/kg	BLQ (0.1 )	0.15 Max	COLD VAPOR TESTING
20	E.Coli	Per gm	Present	Nil	FCO SCH.III PART-D1C:1985

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

16/10/23  
ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL28122023005-01**  
Issue Date. : **28.12.2023**

### Sample Description: Bio -Soil

### RESULTS (Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 23.12.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/BIO-SOIL/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 23.12.2023 to 28.12.2023

SNo	Parameters	Units	Results	Limits	Test Method
01	Colour	-	Dark Brown to Black	Brown to Black	Visual
02	Odour	--	No Odour	Absence of found odour	FCO SCH.IV PART-A:1985
03	Moisture Content	%	17.13	15-25	FCO SCH.IV PART-D2:1985
04	Bulk Density	gm/cc	1.11	1.0 (Aprox)	FCO SCH.II PART-B3:1985
05	Organic Carbon	% by mass	13.4	12 Min	FCO SCH.IV PART-D5:1985
06	Total Nitrogen (as N)	% by mass	0.90	0.8 Min.	FCO SCH.II PART-B3:1985
07	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% by mass	0.48	0.4 Min.	FCO SCH.IV PART-D8:1985
08	Total potash as k <sub>2</sub> O	% by mass	0.48	0.4 Min.	FCO SCH.IV PART-D9:1985
09	C/N Ration	-	14.89	<20.0	FCO SCH.IV PART-D7:1985
10	pH Valu (1:2 )	-	7.41	6.5-7.5	FCO SCH.III PART-D1:1985
11	E. Conductivity	dsm <sup>1</sup>	3.76	4.0 Max.	FCO SCH.IV PART-D4:1985
12	Arsenic (as As <sub>20.3</sub> )	mg/kg	BLQ (0.1)	10 Max.	FCO SCH.IV PART-D10:1985
13	Cadmium (as Cd)	mg/kg	BLQ (0.1)	5.0 Max	FCO SCH. IV PART-D10:1985
14	Chromium (as Cr)	mg/kg	15.7	50 Max	FCO SCH. IV PART-D10:1985
15	Copper (as Cu)	mg/kg	4.54	300 Max.	FCO SCH. IV PART- D10:1985
16	Nickel (as Ni)	mg/kg	2.19	50 Max.	FCO SCH. IV PART- D10:1985
17	Lead (as Pb)	mg/kg	22.5	100 Max.	FCO SCH. IV PART- D10:1985
18	Zinc (as Zn)	mg/kg	0.015	1000 Max.	FCO SCH. IV PART- D10:1985
19	Mercury (as Hg)	mg/kg	BLQ (0.1 )	0.15 Max	COLD VAPOR TESTING
20	E.Coli	Per gm	Present	Nil	FCO SCH.III PART-D1C:1985

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

*Handwritten Signature*  
28/12/23  
**ISHWAR BHARDWAJ**  
Technical Manager  
Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL14112023042-02**  
Issue Date. : **14.11.2023**

Sample Description: Bio -Soil

### RESULTS

(Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 09.11.2023  
Sampling Location : Julwaniya Dumpsite, Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/BIO-SOIL/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 10.11.2023 to 14.11.2023

SNo	Parameters	Units	Results	Limits	Test Method
01	Colour	-	Dark Brown to Black	Brown to Black	Visual
02	Odour	--	No Odour	Absence of found odour	FCO SCH.IV PART-A:1985
03	Moisture Content	%	16.16	15-25	FCO SCH.IV PART-D2:1985
04	Bulk Density	gm/cc	1.26	1.0 (Aprox)	FCO SCH.II PART-B3:1985
05	Organic Carbon	% by mass	12.77	12Min	FCO SCH.IV PART-D5:1985
06	Total Nitrogen (as N)	% by mass	0.86	0.8 Min.	FCO SCH.II PART-B3:1985
07	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% by mass	0.46	0.4 Min.	FCO SCH.IV PART-D8:1985
08	Total potash as k <sub>2</sub> O	% by mass	0.45	0.4 Min.	FCO SCH.IV PART-D9:1985
09	C/N Ration	-	14.84	<20.0	FCO SCH.IV PART-D7:1985
10	pH Valu (1:2)	-	7.43	6.5-7.5	FCO SCH.III PART-D1:1985
11	E. Conductivity	dsm <sup>1</sup>	3.85	4.0 Max.	FCO SCH.IV PART-D4:1985
12	Arsenic (as As <sub>2</sub> O <sub>3</sub> )	mg/kg	BLQ (0.1)	10 Max.	FCO SCH.IV PART-D10:1985
13	Cadmium (as Cd)	mg/kg	BLQ (0.1)	5.0 Max	FCO SCH. IV PART-D10:1985
14	Chromium (as Cr)	mg/kg	15.9	50 Max	FCO SCH. IV PART-D10:1985
15	Copper (as Cu)	mg/kg	4.60	300 Max.	FCO SCH. IV PART- D10:1985
16	Nickel (as Ni)	mg/kg	1.93	50 Max.	FCO SCH. IV PART- D10:1985
17	Lead (as Pb)	mg/kg	21.9	100 Max.	FCO SCH. IV PART- D10:1985
18	Zinc (as Zn)	mg/kg	0.013	1000 Max.	FCO SCH. IV PART- D10:1985
19	Mercury (as Hg)	mg/kg	BLQ (0.1)	0.15 Max	COLD VAPOR TESTING
20	E.Coli	Per gm	Present	Nil	FCO SCH.III PART-D1C:1985

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

ISHWAR SHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory

4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL14112023042-05**  
Issue Date. : **14.11.2023**

Sample Description :- Leachate Water

### RESULTS (Leachate Water Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 09.11.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sample Quantity : 2000 ml  
Analysis Duration: : 10.11.2023 to 14.11.2023

S. No.	Parameters	Units	Results	Test Method
01	pH	-	7.35	IS: 3025(Pt-11) 1983, Reaff2017
02	Total Dissolved Solids	mg/l	12456	IS: 3025(Pt-16) 1984, Reaff2017
03	Arsenic (as As)	mg/l	1.46	APHA 23rd Ed. 2017, 3120 B
04	Total Suspended Solid	mg/l	1816	IS:3025(Part-17)
05	Chemical Oxygen Demand (asO <sub>2</sub> )	mg/l	10746	IS:3025(Part-58)
06	Biological Oxygen Demand (5 days at 27 DegC)	mg/l	2016	IS:3025(Part-44)
07	Lead (as pd)	mg/l	27.5	AHP 23ND Ed. 2017, 3120 B
08	Arsenic (as As)	mg/l	4.68	AHP 23ND Ed. 2017, 3120 B
09	Cadmium (as Cd)	mg/l	<1.0	AHP 23ND Ed. 2017, 3120 B
10	Chromium (as cr <sup>6+</sup> )	mg/l	17.3	AHP 23ND Ed. 2017, 3120 B

\*\*End of Report\*\*

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

14/11/23  
ISHWAR CHANDWANI  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL14112023042-03**  
Issue Date. : **14.11.2023**

### Sample Description: RDF

### RESULTS (RDF Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 09.11.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/SOIL/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 10.11.2023 to 14.11.2023

S.No	Parameters	Units	Result	Test Method
01	Moisture Content	%	12.3	ASTM D3173-87-1996
02	Gross Calorific Value	Cal/gm	2236	ASTM D5865-99A

**\*\*End of Report\*\***

For Shri Om Testing & Research Laboratory

14/11/23  
ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Report No : STRL28122023005-05

16	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B / 3111B (AAS)
17	Manganese(as Mn)	mg/l	0.1	0.3	0.01	APHA 22 <sup>nd</sup> Ed., 3120 B)/ 3111B(AAS)
18	Sulphate (as SO <sub>4</sub> )	mg/l	200	400	37.6	IS: 3025(Pt-24)1986, Reaff. 2014
19	Nitrate(as NO <sub>3</sub> )	mg/l	45	No Relaxation	17.6	IS: 3025(Pt-34)1988, Reaff. 2014
20	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	0.001	0.002	<0.001	APHA 22 <sup>nd</sup> Ed., 5530 (c)
21	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 22 <sup>nd</sup> Ed. 3120 B, 3112 (AAS-VGA)
22	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 22 <sup>nd</sup> Ed. 3120 B /3111B (AAS)
23	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B / 3114, AAS-VGA
24	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B/ 3114, AAS-VGA
25	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 4500 CN
26	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 22 <sup>nd</sup> Ed., 3120 B /3111B AAS
27	Zinc (as Zn)	mg/l	5	15	0.03	APHA 22 <sup>nd</sup> Ed., 3120 B / 3111 B (AAS)
28	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	APHA 22 <sup>nd</sup> Ed., 5540 (c)
29	Aluminum (as AL)	mg/l	0.03	1	0.1	APHA 22 <sup>nd</sup> Ed., 5540 (c)
Bacteriological Parameters						
01	Total Coli form MPN/100ml		Should be absent	Absent		IS: 1622-1981 (Reaff.2003)
02	E. coli/100ml		Should be absent	Absent		IS: 1622-1981 (Reaff.2003)

Remarks: The Sample Test IS-10500-2012 ( WATER) Specification, w.r.t for above Parameters

\*\*End of Report\*\*

Page No (02 of 02)

For Shri Om Testing & Research Laboratory

ISHWAR BHARADWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.
- 2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.
- 3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory
- 4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL28122023005-05**  
Issue Date. : **28.12.2023**

Sample Description: **Ground Water**

### RESULTS

(Water Quality Analysis)

#### SAMPLING DETAILS

Date of Sample received : **23.12.2023**  
Sampling Location : **Julwaniya Dumpsite , Municipal Corporation, Ratlam**  
Sample Collected by : **STRL STAFF**  
Sampling Protocol : **IS-3025(P-1)1987**  
Sampling Quantity : **2500ml**  
Sample Packing : **Plastic Bottle**  
Analysis Duration : **23.12.2023 to 28.12.2023**

SR.No.	Parameters	Units	Limits (as per IS:10500-2012)		Results	Test Method
			Desirable Limit	Permissible Limit		
01	Color	Hazen	5	15	<5	IS: 3025(Pt-4) 1983, Reaff. 2017
02	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-5) 1983, Reaff. 2017
03	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-8)-1984, Reaff. 2017
04	Turbidity	NTU	1	5	<1.0	IS: 3025(Pt-10)-1984, Reaff 2017
05	Temperature	°C	-	-	23.4	IS: 3025(Pt-9)1984 Reaff 2002
06	Electric Conductivity	µmhos/cm	-	-	1526	IS: 3025(Pt-14)2013
07	Total Suspended Solid .	mg/l	-	-	<5.0	IS: 3025(Pt-17)1984 Reaff 2012
08	pH	-	6.5-8.5	No Relaxation	7.62	IS: 3025(Pt-11)1983, Reaff. 2017
09	Total Hardness (as CaCO <sub>3</sub> )	mg/l	200	600	538	IS: 3025(Pt-21)1983, Reaff. 2014
10	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.3	APHA 22 <sup>nd</sup> Ed., 3120B ( 3111B(AAS),
11	Chlorides (as Cl)	mg/l	250	1000	226	IS: 3025(Pt-32)1988, Reaff. 2014
12	Fluoride (as F)	mg/l	1	1.5	<0.1	APHA 22 <sup>nd</sup> Ed., 4500F(D)
13	TDS	mg/l	500	2000	916	IS: 3025(Pt-16)1984, Reaff. 2017
14	Calcium (as Ca <sup>2+</sup> )	mg/l	75	200	68.6	IS :3025(Pt-40)1991, Reaff. 2014
15	Magnesium (as Mg <sup>2+</sup> )	mg/l	30	100	89.6	APHA 22 <sup>nd</sup> Ed., 3500-Mg (B)

Page No (01 of 02 )

For Shri Om Testing & Research Laboratory

*Handwritten signature and date: 28/12/23*

ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL28122023005-03**  
Issue Date. : **28.12.2023**

### Sample Description: INERT

### RESULTS (Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 23.12.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/INERT/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 23.12.2023 to 28.12.2023

SNo	Parameters	Units	Results	Limits	Test Method
01	Colour	-	Dark Brown to Black	Brown to Black	Visul
02	Odour	--	No Odour	Absence of found odour	FCO SCH.IV PART-A:1985
03	Moisture Content	%	18.6	15-25	FCO SCH.IV PART-D2:1985
04	Bulk Density	gm/cc	0.95	<1.0	FCO SCH.II PART-B3:1985
05	Organic Carbon	% by mass	12.48	12 Min	FCO SCH.IV PART-D5:1985
06	Total Nitrogen (as N)	% by mass	0.84	0.8 Min.	FCO SCH.II PART-B3:1985
07	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% by mass	0.46	0.4 Min.	FCO SCH.IV PART-D8:1985
08	Total potash as k <sub>2</sub> O	% by mass	0.41	0.4 Min.	FCO SCH.IV PART-D9:1985
09	C/N Ration	-	14.86	<20.0	FCO SCH.IV PART-D7:1985
10	pH Valu (1:2 )	-	7.19	6.5-7.5	FCO SCH.III PART-D1:1985
11	E. Conductivity	dsm <sup>1</sup>	3.4	4.0 Max.	FCO SCH.IV PART-D4:1985
12	Arsenic (as As <sub>2</sub> O <sub>3</sub> )	mg/kg	BLQ (0.1)	10 Max.	FCO SCH.IV PART-D10:1985
13	Cadmium (as Cd)	mg/kg	BLQ (0.1)	5.0 Max	FCO SCH. IV PART-D10:1985
14	Chromium (as Cr)	mg/kg	21.1	50 Max	FCO SCH. IV PART-D10:1985
15	Copper (as Cu)	mg/kg	15.1	300 Max.	FCO SCH. IV PART- D10:1985
16	Nickel (as Ni)	mg/kg	2.16	50 Max.	FCO SCH. IV PART- D10:1985
17	Lead (as Pb)	mg/kg	13.6	100 Max.	FCO SCH. IV PART- D10:1985
18	Zinc (as Zn)	mg/kg	0.016	1000 Max.	FCO SCH. IV PART- D10:1985
19	Mercury (as Hg)	mg/kg	BLQ (0.1 )	0.15 Max	COLD VAPOR TESTING
20	E.Coli	Per gm	Present	Nil	FCO SCH.III PART-D1C:1985

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

- Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory  
4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL28122023005-04**  
Issue Date. : **28.12.2023**

Sample Description :- Leachate Water

### RESULTS

(Leachate Water Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 23.12.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sample Quantity : 2000 ml  
Analysis Duration: : 23.12.2023 to 28.12.2023

S. No.	Parameters	Units	Results	Test Method
01	pH	-	7.56	IS: 3025(Pt-11) 1983, Reaff2017
02	Total Dissolved Solids	mg/l	12567	IS: 3025(Pt-16) 1984, Reaff2017
03	Arsenic (as As)	mg/l	1.56	APHA 23nd Ed. 2017, 3120 B
04	Total Suspended Solid	mg/l	1719	IS:3025(Part-17)
05	Chemical Oxygen Demand (asO <sub>2</sub> )	mg/l	10946	IS:3025(Part-58)
06	Biological Oxygen Demand (5 days at 27 DegC)	mg/l	2148	IS:3025(Part-44)
07	Lead (as pd)	mg/l	26.9	AHP 23ND Ed. 2017, 3120 B
08	Arsenic (as As)	mg/l	4.87	AHP 23ND Ed. 2017, 3120 B
09	Cadmium (as Cd)	mg/l	<1.0	AHP 23ND Ed. 2017, 3120 B
10	Chromium (as cr <sup>6+</sup> )	mg/l	18.6	AHP 23ND Ed. 2017, 3120 B

\*\*End of Report\*\*

Page No (01 of 01)

For Shri Om Testing & Research Laboratory

ISHWAN GUARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.00

Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory

4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396, 9971980045, 9990934633

E-mail : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST -REPORTS

Issued To: **AAKANKSHA ENTERPRISES**  
C-108, Mahavir Vihar, Sector-1  
Dwarka New Delhi- 110045

Report No. : **STRL28122023005-02**  
Issue Date. : **28.12.2023**

Sample Description: RDF

### RESULTS (RDF Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 23.12.2023  
Sampling Location : Julwaniya Dumpsite , Municipal Corporation, Ratlam  
Sample Collected by : Lab Boy  
Sampling Protocol : STRL/SOP/RDF/01  
Sample Quantity : 500 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 23.12.2023 to 28.12.2023

S.No	Parameters	Units	Result	Test Method
01	Moisture Content	%	13.5	ASTM D3173-87-1996
02	Gross Calorific Value	Cal/gm	2396	ASTM D5865-99A

**\*\*End of Report\*\***

For Shri Om Testing & Research Laboratory

*Handwritten signature and date: 28/12/23*  
ISHWAR BHARDWAJ  
Technical Manager

Authorised Signatory

(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.00

- Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.  
2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.  
3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.  
4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.

## TEST REPORT

(This Test Report is not valid without hologram)



Date : 15.02.2024

Sample ID No. : KDMTL/2402110033

Name of Client/Department : Chief Municipal Officer, Nagar Palika Parishad Raghogarh  
Vijaypur Distt. Guna (M.P)

Letter Ref. No. : Dated : 10.02.2024

Name of Project : Selection of Contractor for the work of Legacy waste  
Dumpsite Remediation Through Bioremediation, Biomining  
and Disposal of Residual Waste work at Raghogarh Vijaypur  
Distt. Guna (M.P)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Solid Waste (Legacy Waste)

Date of Sample Received : 11.02.2024

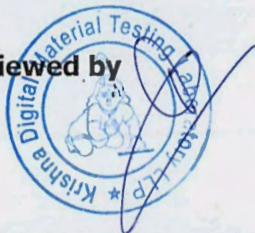
Date of Sample Testing : 12.02.2024 to 15.02.2024

## TEST RESULT

S. No.	Particular	Method of Test	Test Value	Requirements
1	Bulk Density	IS: 16556	0.805 g/cm <sup>3</sup>	1.00 Max.
2	Moisture	IS: 16556	0.45%	25 Max.

Remarks:

Reviewed by



**AUTHORIZED SIGNATORY**  
Name- Priyesh Gangele  
Designation - TM



\*\*\*\*End Report\*\*\*\*

Note :

- Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- The sample will be stored upto three month from the date of issue of test report unless otherwise specified.



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.

AN NABL ACCREDITED LAB.

## TEST REPORT

(This Test Report is not valid without hologram)



TC-7016



Issue Date : 06.01.2025 ULR No.: TC701624000015511F

Sample ID No. : KDMTL/2412300090

Name of Client/Department : Chief Municipal Officer, Nagar Parishad Bhikangaon Distt. Khargone (M.P)

Name of Agency/Contractor : M/s Om Sai Vision  
Flat No 3 amar stambh Plot No.16 Press Complex Zone-I M.p Nagar, Bhopal (M.P)

Letter Ref. No. : Dated : 30.12.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation  
Through Bioremediation, Biomining and Disposal of Residual Waste work at Bhikangaon Distt. Khargone (M.P)

Type of Material : Soil

Date of Sample Received : 30.12.2024

Date of Sample Testing : 31.12.2024 to 04.01.2025

### Chemical Properties

Chemical Properties				
S. No.	Parameters	Method of Test	Unit	Test Value
1	pH	IS 2720 : Part 26	-	7.12
2	Copper	USEPA 3050 B	mg/kg	3.41
3	Nickel	USEPA 3050 B	mg/kg	1.26
4	Chromium	USEPA 3050 B	%	0.08
5	Cadmium	USEPA 3050 B	PPM	0.42
6	Zinc	USEPA 3050 B	mg/kg	2.12
7	Lead	USEPA 3050 B	mg/kg	6.52
8	Arsenic	ICAR, IARI Manual	-	BDL
9	Mercury	ICAR, IARI Manual	-	BDL

Remarks:

AUTHORIZED SIGNATORY  
Name- Priyesh Gangele  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.



## TEST REPORT

(This Test Report is not valid without hologram)



Issue Date : 06.01.2025

Sample ID No. : KDMTL/2412300090

Name of Client/Department : Chief Municipal Officer, Nagar Parishad Bhikangaon Distt. Khargone (M.P)

Letter Ref. No. : M/s Om Sai Vision  
Flat No 3 amar stambh Plot No.16 Press Complex Zone-I M.p Nagar, Bhopal

Name of Project : Dated : 30.12.2024

Name of Agency/Contractor : Selection of Contractor for the work of Legacy waste Dumpsite Remediation  
Through Bioremediation, Biomining and Disposal of Residual Waste work at  
Bhikangaon Distt. Khargone (M.P)

Type of Material : Soil

Date of Sample Received : 30.12.2024

Date of Sample Testing : 31.12.2024 to 04.01.2025

### Chemical Properties

<u>Chemical Properties</u>				
S. No.	Parameters	Method of Test	Unit	Test Value
1	C/N Ratio	KDMTL/CH/SOP/9	%	18.96

Remarks:

AUTHORIZED SIGNATORY  
Name- Priyesh Gangele  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.  
AN NABL ACCREDITED LAB.



## TEST REPORT

(This Test Report is not valid without hologram)



ISSUE DATE : 23.06.2024 ULR No.: TC701624000007013F  
 Sample ID No. : KDMTL/2406170017  
 Name of Client/Department : Chief Municipal Officer, Nagar Palika Parishad Alirajpur Distt. Alirajpur (M.P.)  
 Letter Ref. No. : Dated : 17.06.2024  
 Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Alirajpur Distt. Alirajpur (M.P.)  
 Name of Agency/Contractor : M/s Om Sai Vision  
 Type of Material : Soil  
 Date of Sample Received : 17.06.2024  
 Date of Sample Testing : 18.06.2024 to 23.06.2024

### Chemical Properties

S. No.	Parameters	Method of Test	Unit	Test Value
1	pH	IS 2720 : Part 26	-	7.25
2	Copper	USEPA 3050 B	mg/kg	3.83
3	Nickel	USEPA 3050 B	mg/kg	1.21
4	Chromium	USEPA 3050 B	%	0.09
5	Cadmium	USEPA 3050 B	PPM	0.39
6	Zinc	USEPA 3050 B	mg/kg	2.09
7	Lead	USEPA 3050 B	mg/kg	6.42
8	Arsenic	ICAR, IARI Manual	-	BDL
9	Mercury	ICAR, IARI Manual	-	BDL

Remarks:

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1

AUTHORIZED SIGNATORY

Name: Bushra Afreen  
Designation - TM





# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.

## TEST REPORT

(This Test Report is not valid without hologram)



ISSUE DATE : 23.06.2024

Sample ID No. : KDMTL/2406170017

Name of Client/Department : Chief Municipal Officer, Nagar Palika Parishad Alirajpur Distt. Alirajpur (M.P)

Letter Ref. No. : Dated : 17.06.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Alirajpur Distt. Alirajpur (M.P)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Soil

Date of Sample Received : 17.06.2024

Date of Sample Testing : 18.06.2024 to 23.06.2024

### Chemical Properties

S. No.	Parameters	Method of Test	Unit	Test Value
1	C/N Ratio	KDMTL/CH/SOP/9	%	19.1

Remarks:

**AUTHORIZED SIGNATORY**  
Name- Bushra Afreen  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.  
AN NABL ACCREDITED LAB.



TC-7016

## TEST REPORT

(This Test Report is not valid without hologram)



**ISSUE DATE** : 11.03.2025 **ULR No.:** TC701625000003247F

**Sample ID No.** : KDMTL/2503050037

**Name of Client/Department** : Chief Municipal Officer, Nagar Palika Parishad Alirajpur Distt. Alirajpur (M.P)

**Letter Ref. No.** : Dated : 03.03.2025

**Name of Project** : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Alirajpur Distt. Alirajpur (M.P)

**Name of Agency/Contractor** : M/s Om Sai Vision

**Type of Material** : Soil

**Date of Sample Received** : 05.03.2025

**Date of Sample Testing** : 05.03.2025 to 11.03.2025

### Chemical Properties

S. No.	Parameters	Method of Test	Unit	Test Value
1	pH	IS 2720 : Part 26	-	7.18
2	Copper	USEPA 3050 B	mg/kg	3.75
3	Nickel	USEPA 3050 B	mg/kg	1.23
4	Chromium	USEPA 3050 B	mg/kg	0.16
5	Cadmium	USEPA 3050 B	PPM	0.41
6	Zinc	USEPA 3050 B	mg/kg	2.14
7	Lead	USEPA 3050 B	mg/kg	6.33

Remarks:

**AUTHORIZED SIGNATORY**  
Name- Bushra Afreen  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.



## TEST REPORT

(This Test Report is not valid without hologram)



**ISSUE DATE** : 11.03.2025

**Sample ID No.** : KDMTL/2503050037

**Name of Client/Department** : Chief Municipal Officer, Nagar Palika Parishad Alirajpur Distt. Alirajpur (M.P)

**Letter Ref. No.** : Dated : 03.03.2025

**Name of Project** : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Alirajpur Distt. Alirajpur (M.P)

**Name of Agency/Contractor** : M/s Om Sai Vision

**Type of Material** : Soil

**Date of Sample Received** : 05.03.2025

**Date of Sample Testing** : 05.03.2025 to 11.03.2025

### Chemical Properties

S. No.	Parameters	Method of Test	Unit	Test Value
1	C/N Ratio	KDMTL/CH/SOP/9	%	18.87

Remarks:

**AUTHORIZED SIGNATORY**  
Name- Bushra Afreen  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



**KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP**  
ANALYTICAL & RESEARCH LAB.  
AN NABL ACCREDITED LAB.



**TEST REPORT**  
(This Test Report is not valid without hologram)



ISSUE DATE : 05.11.2024

Sample ID No. : KDMTL/2410260018

Name of Client/Department : Chief Municipal Officer, Municipal Council Rajpur District-Barwani (M.P.)

Letter Ref. No. : Dated : 24.10.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Rajpur District-Barwani (M.P)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Soil

Date of Sample Received : 26.10.2024

Date of Sample Testing : 26.10.2024 to 04.11.2024

**Chemical Properties**

S. No.	Parameters	Method of Test	Unit	Test Value
1	C/N Ratio	KDMTL/CH/SOP/9	%	18.96

Remarks:

**AUTHORIZED SIGNATORY**  
Name- Bushra Afreen  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.  
AN NABL ACCREDITED LAB.



## TEST REPORT (This Test Report is not valid without hologram)



TC-7016

ISSUE DATE : 05.11.2024 ULR No.: TC701624000014577F

Sample ID No. : KDMTL/2410260018

Name of Client/Department : Chief Municipal Officer, Municipal Council Rajpur District-Barwani (M.P.)

Letter Ref. No. : Dated : 24.10.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Rajpur District Barwani (M.P.)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Soil

Date of Sample Received : 26.10.2024

Date of Sample Testing : 26.10.2024 to 04.11.2024

### Chemical Properties

S. No.	Parameters	Method of Test	Unit	Test Value
1	pH	IS 2720 : Part 26	-	7.12
2	Copper	USEPA 3050 B	mg/kg	3.41
3	Nickel	USEPA 3050 B	mg/kg	1.26
4	Chromium	USEPA 3050 B	%	0.08
5	Cadmium	USEPA 3050 B	PPM	0.42
6	Zinc	USEPA 3050 B	mg/kg	2.12
7	Lead	USEPA 3050 B	mg/kg	6.52
8	Arsenic	ICAR,IARI Manual	-	BDL
9	Mercury	ICAR,IARI Manual	-	BDL

Remarks:

AUTHORIZED SIGNATORY  
Name- Bushra Afreen  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1

**KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP**ANALYTICAL & RESEARCH LAB.  
AN NABL ACCREDITED LAB.**TEST REPORT**  
(This Test Report is not valid without hologram)

**ISSUE DATE** : 18.03.2025 **ULR No.:** TC701625000006103F

**Sample ID No.** : KDMTL/2503130004

**Name of Client/Department** : Chief Municipal Officer, Nagar Parishad Betma Distt. Indore (M.P)

**Letter Ref. No.** : Dated : 13.03.2025

**Name of Project** : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Betma Distt. Indore (M.P)

**Name of Agency/Contractor** : M/s Om Sai Vision

**Type of Material** : Soil

**Date of Sample Received** : 13.03.2025

**Date of Sample Testing** : 13.03.2025 to 18.03.2025

**Chemical Properties**

S. No.	Parameters	Method of Test	Unit	Test Value
1	pH	IS 2720 : Part 26	-	7.36
2	Copper	USEPA 3050 B	mg/kg	3.74
3	Nickel	USEPA 3050 B	mg/kg	1.44
4	Chromium	USEPA 3050 B	mg/kg	1.4
5	Cadmium	USEPA 3050 B	PPM	0.62
6	Zinc	USEPA 3050 B	mg/kg	2.4
7	Lead	USEPA 3050 B	mg/kg	7.02

Remarks:

**AUTHORIZED SIGNATORY**  
Name- Bushra Afrin  
Designation - TM

\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



## KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.



### TEST REPORT

(This Test Report is not valid without hologram)

ISSUE DATE : 18.03.2025

Sample ID No. : KDMTL/2503130004

Name of Client/Department : Chief Municipal Officer, Nagar Parishad Betma Distt. Indore (M.P)

Letter Ref. No. : Dated : 13.03.2025

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Betma Distt. Indore (M.P)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Soil

Date of Sample Received : 13.03.2025

Date of Sample Testing : 13.03.2025 to 18.03.2025

### Chemical Properties

S. No.	Parameters	Method of Test	Unit	Test Value
1	C/N Ratio	KDMTL/CH/SOP/9	%	18.43

**Remarks:**

**AUTHORIZED SIGNATORY**  
Name- Bushra Arreen  
Designation - TM

\*\*\*\*End Report\*\*\*\*

**Note :**

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, LLP Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

Page No. 1 of 1



# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/647-1/12/2023

DATE OF REPORT: 11.12.2023

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
 906 A, 9TH FLOOR I-THUM TOWER A,  
 PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 06.12.2023  
 Analysis Start Date : 07.12.2023  
 Analysis End Date : 11.12.2023  
 Sample ID No : 647-1  
 Sampling Done By : ETS STAFF  
 Sampling Location : ECOSTAN INFRA PVT LTD DUMPSITE BEHIND HEG INDUSTRIES, NEAR 40  
 BLOCK AREA, MANDIDEEP DIST-RAISEN (M.P)  
 10.47, 11.20, 11.42

Sampling Weight (In Kg)

S. No.	Test Parameter	Unit	Result			Test Method
1	pH	...	5.5			
2	Bulk Density	Mt/cum	0.85			IS:2386(P-3)-1963
S. No.	Test Parameter	Unit	Result			Test Method
			Sample 1	Sample 2	Sample 3	
3	Biodegraded Fraction	% w/w	18.02%	16.67%	21.49%	On-Site Physical Verification
4	Plastic, Polythene, Tetra Packs Etc	% w/w	2.76%	6.95%	6.05%	
5	Paper and Card Board	% w/w	4.96%	1.52%	2.11%	
6	Horticulture Waste & Wooden Piece	% w/w	1.24%	4.55%	2.11%	
7	Metal	% w/w	0.67%	0.42%	0.51%	
8	Textiles	% w/w	1.43%	5.17%	6.05%	
9	Glass	% w/w	4.96%	1.60%	4.65%	
10	Leather, Rubber Etc	% w/w	5.05%	3.48%	2.19%	
11	Heavy Fractions	% w/w	24.50%	25.23%	23.07%	
12	Coarser Fraction	% w/w	15.54%	12.04%	15.70%	
13	Fine Fractions	% w/w	20.88%	22.38%	16.06%	
	Total		100.0%	100.0%	100.0%	
S. No.	Test Parameter	Unit	Result			
14	Moisture	% w/w	22.40			ASTM D3173-87 (1996)
15	ASH Content	% w/w	26.50			ASTM D3174-97
16	Total Volatile Content (LOI)	% w/w	23.09			ASTM D3175-89a (1997)
17	Total Organic Carbon (TOC)	% w/w	27.09			IS:228 (P-1) :1987
18	Calorific Value	Cal/Kg	880.42			Bomb Calorimeter
19	C/N Ration		13.05			Computation
20	Total Nitrogen	Mg/kg	1.83			ASTM D 3179-89(1997)
21	Total Phosphates (P2O5)	% w/w	2.06			IS:228 (P-3) :1987
22	Total Potassium (K2o )	% w/w	1.70			USEPA 6010C :2007

\*\*\*\*\*End of Test Report\*\*\*\*\*



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
MD HUMBAJ  
Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

- Note:-
1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
  2. The results indicated only refer to the tested samples and listed applicable parameters.
  3. No complaint will be entertained if received after 7 days of issue of test report.
  4. Our liability is limited to invoice value only.
  5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
  6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/647-1/12/2023

DATE OF REPORT: 11.12.2023

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 06.12.2023  
Analysis Start Date : 07.12.2023  
Analysis End Date : 11.12.2023  
Sample ID No : 647-1  
Sampling Done By : ETS STAFF  
Sampling Location : ECOSTAN INFRA PVT LTD DUMPSITE BEHIND HEG INDUSTRIES, NEAR 40  
BLOCK AREA, MANDIDEEP DIST-RAISEN (M.P)  
10.47, 11.20, 11.42

Sampling Weight (In Kg)

S. No.	Test Parameter	Unit	Result			Test Method
1	pH	...	5.5			
2	Bulk Density	Mt/cum	0.85			IS:2386(P-3)-1963
S. No.	Test Parameter	Unit	Result			Test Method
			Sample 1	Sample 2	Sample 3	
3	Biodegraded Fraction	% w/w	18.02%	16.67%	21.49%	On-Site Physical Verification
4	Plastic, Polythene, Tetra Packs Etc	% w/w	2.76%	6.95%	6.05%	
5	Paper and Card Board	% w/w	4.96%	1.52%	2.11%	
6	Horticulture Waste & Wooden Piece	% w/w	1.24%	4.55%	2.11%	
7	Metal	% w/w	0.67%	0.42%	0.51%	
8	Textiles	% w/w	1.43%	5.17%	6.05%	
9	Glass	% w/w	4.96%	1.60%	4.65%	
10	Leather, Rubber Etc	% w/w	5.05%	3.48%	2.19%	
11	Heavy Fractions	% w/w	24.50%	25.23%	23.07%	
12	Coarser Fraction	% w/w	15.54%	12.04%	15.70%	
13	Fine Fractions	% w/w	20.88%	22.38%	16.06%	
	Total		100.0%	100.0%	100.0%	
S. No.	Test Parameter	Unit	Result			
14	Moisture	% w/w	22.40			ASTM D3173-87 (1996)
15	ASH Content	% w/w	26.50			ASTM D3174-97
16	Total Volatile Content (LOI)	% w/w	23.09			ASTM D3175-89a (1997)
17	Total Organic Carbon (TOC)	% w/w	27.09			IS:228 (P-1) :1987
18	Calorific Value	Cal/Kg	880.42			Bomb Calorimeter
19	C/N Ration		13.05			Computation
20	Total Nitrogen	Mg/kg	1.83			ASTM D 3179-89(1997)
21	Total Phosphates (P2O5)	% w/w	2.06			IS:228 (P-3) :1987
22	Total Potassium (K2o )	% w/w	1.70			USEPA 6010C :2007

\*\*\*\*\*End of Test Report\*\*\*\*\*



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
MD HUMBAJ  
Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/647-1/12/2023

DATE OF REPORT: 11.12.2023

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 06.12.2023  
Analysis Start Date : 07.12.2023  
Analysis End Date : 11.12.2023  
Sample ID No : 647-1  
Sampling Done By : ETS STAFF  
Sampling Location : ECOSTAN INFRA PVT LTD DUMPSITE BEHIND HEG INDUSTRIES, NEAR 40  
BLOCK AREA, MANDIDEEP DIST-RAISEN (M.P)  
10.47, 11.20, 11.42

Sampling Weight (In Kg)

S. No.	Test Parameter	Unit	Result			Test Method
1	pH	...	5.5			
2	Bulk Density	Mt/cum	0.85			IS:2386(P-3)-1963
S. No.	Test Parameter	Unit	Result			Test Method
			Sample 1	Sample 2	Sample 3	
3	Biodegraded Fraction	% w/w	18.02%	16.67%	21.49%	On-Site Physical Verification
4	Plastic, Polythene, Tetra Packs Etc	% w/w	2.76%	6.95%	6.05%	
5	Paper and Card Board	% w/w	4.96%	1.52%	2.11%	
6	Horticulture Waste & Wooden Piece	% w/w	1.24%	4.55%	2.11%	
7	Metal	% w/w	0.67%	0.42%	0.51%	
8	Textiles	% w/w	1.43%	5.17%	6.05%	
9	Glass	% w/w	4.96%	1.60%	4.65%	
10	Leather, Rubber Etc	% w/w	5.05%	3.48%	2.19%	
11	Heavy Fractions	% w/w	24.50%	25.23%	23.07%	
12	Coarser Fraction	% w/w	15.54%	12.04%	15.70%	
13	Fine Fractions	% w/w	20.88%	22.38%	16.06%	
	Total		100.0%	100.0%	100.0%	
S. No.	Test Parameter	Unit	Result			
14	Moisture	% w/w	22.40			ASTM D3173-87 (1996)
15	ASH Content	% w/w	26.50			ASTM D3174-97
16	Total Volatile Content (LOI)	% w/w	23.09			ASTM D3175-89a (1997)
17	Total Organic Carbon (TOC)	% w/w	27.09			IS:228 (P-1) :1987
18	Calorific Value	Cal/Kg	880.42			Bomb Calorimeter
19	C/N Ration		13.05			Computation
20	Total Nitrogen	Mg/kg	1.83			ASTM D 3179-89(1997)
21	Total Phosphates (P2O5)	% w/w	2.06			IS:228 (P-3) :1987
22	Total Potassium (K2o )	% w/w	1.70			USEPA 6010C :2007

\*\*\*\*\*End of Test Report\*\*\*\*\*



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
MD HUMBAJ  
Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

- Note:-
1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
  2. The results indicated only refer to the tested samples and listed applicable parameters.
  3. No complaint will be entertained if received after 7 days of issue of test report.
  4. Our liability is limited to invoice value only.
  5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
  6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



## TEST REPORT

TEST REPORT NO.: ETS/1402-2/01/2024

DATE OF REPORT: 16.01.2024

### ANALYSIS REPORT

**Name And Address of Customer** : M/S ECOSTANINFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

**Date of Sampling** : 08.01.2024  
**Analysis Start Date** : 10.01.2024  
**Analysis End Date** : 16.01.2024  
**Sample ID No** : 1402-2  
**Sampling Done By** : ETS STAFF  
**Sampling Description** : INERT  
**Sampling Location** : ECOSTAN INFRA PVT LTD DUMPSITE BEHIND HEG INDUSTRIES,  
NEAR 40 BLOCK AREA, MANDIDEEP DIST-RAISEN (M.P)

**Sampling Method** : ETS/STP/SOIL-01  
**Packing Condition** : SEALED  
**Packed In** : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	7.24	CPCB Guideline
2	Potassium (K )	%	0.32	CPCB Guideline
3	Total Nitrogen (N)	%	2.6	CPCB Guideline
4	Zinc,(Zn)	%	5.8	CPCB Guideline
5	Moisture Content	%	23.5	CPCB Guideline
6	Electrical Conductivity (EC)	dS/m	2.14	CPCB Guideline
7	Phosphorus (PO4)	%	1.32	CPCB Guideline
8	Organic Carbon,(OC)	%	15.0	CPCB Guideline
9	Organic Matter	%	28.5	CPCB Guideline
10	Bulk Density	Kg/m3	388.0	CPCB Guideline
11	Ammonical Nitrogen	mg/kg	285.0	CPCB Guideline
12	Nitrate Nitrogen	%	N.D	CPCB Guideline
13	ASH	%	41.3	CPCB Guideline
14	Porosity	%	24.0	CPCB Guideline

\*\*\*\*\*End of Test Report\*\*\*\*\*



For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

#### Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.

## TEST REPORT

(This Test Report is not valid without hologram)



Date : 13.03.2024

Sample ID No. : KDMTL/2403060005

Name of Client/Department : Chief Municipal Officer, Nagar Palika Parishad Kelaras Distt. Morena (M.P)

Letter Ref. No. : Dated : 04.03.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite Remediation Through Bioremediation, Biomining and Disposal of Residual Waste work at Kelaras Distt. Morena (M.P)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Lagacy Waste (Bio-Soil)

Date of Sample Received : 06.03.2024

Date of Sample Testing : 07.03.2024 to 13.03.2024

### Chemical Properties

S. No.	Particular	Method of Test IS-2720	Test Value	Requirements
1	pH Value	IS: 2720 (Part-26)	8.53	6.5 - 9.5
2	Moisture	IS: 2720 (Part-08)	18.27	15.0-25.0
3	Total Organic Carbon	IS: 2720 (Part-22)	24.10%	12% Min.
4	Total Nitrogen	IS: 6092 (Part-02)	1.18%	0.8% Min.
5	Total Phosphate	IS: 6092 (Part-3)/Sec2	0.65%	0.4% Min.
6	Total Potassium	IS: 6092 (Part-2)	0.86%	0.4% Min.

Remarks:

Reviewed by



AUTHORIZED SIGNATORY  
Name- Priyesh Gangele  
Designation - TM



\*\*\*\*End Report\*\*\*\*

Note :

- 1 Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- 2 This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- 3 The sample will be stored upto three month from the date of issue of test report unless otherwise specified.



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.



## TEST REPORT

(This Test Report is not valid without hologram)

Date : 13.03.2024

Sample ID No. : KDMTL/2403050001

Name of Client/Department : Chief Municipal Officer, Nagar Palika Parishad Raghogarh Vijaypur  
Distt. Guna (M.P)

Letter Ref. No. : Dated : 04.03.2024

Name of Project : Selection of Contractor for the work of Legacy waste Dumpsite  
Remediation Through Bioremediation, Biomining and Disposal of  
Residual Waste work at Raghogarh Vijaypur Distt. Guna (M.P)

Name of Agency/Contractor : M/s Om Sai Vision

Type of Material : Lagacy Waste (Bio-Soil)

Date of Sample Received : 05.03.2024

Date of Sample Testing : 06.03.2024 to 12.03.2024

### Chemical Properties

S. No.	Particular	Method of Test IS-2720	Test Value	Requirements
1	pH Value	IS: 2720 (Part-26)	8.43	6.5 - 9.5
2	Moisture	IS: 2720 (Part-08)	18.15	15.0-25.0
3	Total Organic Carbon	IS: 2720 (Part-22)	23.95%	12% Min.
4	Total Nitrogen	IS: 6092 (Part-02)	1.10%	0.8% Min.
5	Total Phosphate	IS: 6092 (Part-3)/Sec2	0.58%	0.4% Min.
6	Total Potassium	IS: 6092 (Part-2)	0.80%	0.4% Min.

Remarks:

Reviewed by



**AUTHORIZED SIGNATORY**  
Name - Priyesh Gangele  
Designation - TM



\*\*\*\*End Report\*\*\*\*

Note :

- Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- The sample will be stored upto three month from the date of issue of test report unless otherwise specified.

**TESTREPORT**  
**SOILSAMPLEANALYSISREPORT**

FormatNo.RAL/F-40

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		CoANo.		CoA Issue Date	
M/S.Nagar Palika Parishad Chhanera khandwa. MP Contractor Name-SRMAP Technology Gwalior.		---		RAL/2025/APR/211		28/04/2025	
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample location	Sample Submitted By	
Soil Sample	RAL/2025/APR/211	24/04/2025	2.5Kg Approx.	Poly Bag	Nagar Palika Parishad Chhanera. MP	Client	
Analysis Start Date		24/04/2025		Analysis End Date		28/04/2025	

**Test Details:-**

S.NO.	Test Parameter	Unit	Result	Method of Analysis
1.	Texture	---	Sandy Clay Loam	IS:2720:Part-4
2.	Sand	%	38.5	IS:2720:Part-4
3.	Silt	%	20.8	IS:2720:Part-4
4.	Clay	%	108.5	IS:2720:Part-4
5.	pH	-	7.32	IS:2720:Part-26:1987
6.	Moisture Content	%	15.32	IS:4332:Part-2
7.	Electrical Conductivity	µs/cm	255.15	IS:14767:2000
8.	Potassium as K	mg/kg	245.65	EPA3050B/APHA23rdEdition3111B:2017
9.	Phosphorous as P	mg/kg	50.48	EPA3050B/APHA23rdEdition3111B:2017
10.	Total Nitrogen	mg/kg	208.65	IS:14684:1999
11.	Sodium as (Na)	mg/kg	131.47	EPA3050B/APHA23rdEdition3111B:2017
12.	Total Organic Matter	%	1.11	IS2720:Part22 : 1972
13.	Magnesium Level.	mg/kg	296.48	IS2720:Part24 : 1976
14.	Bulk Density	gm/cc	1.28	IS2720:Part28 : 1974
15.	Porosity	%	21.80	IS13030
16.	Calcium(Ca)	mg/kg	1465.48	IS2720:Part23 : 1973
17.	Water Holding Capacity (WHC)	%	23.70	IS2720:Part2

**Note:**

1. The results are related only to the sample tested.
2. The legal liabilities limited up to the analytical charges only.
3. This report shall not be reproduced without the written approval of RAL.
4. This Report in full or in part shall not be used for advertising or as evidence in any court of Law.

**ENDOFREPORT**

*Sauji*  
Checked by



Authorized Signatory

**KLEAN LABORATORY AND RESEARCH (P) LTD.**

CIN : U73100MH2009PTC195098

An Environmental Laboratory approved by CPCB valid up to 2024.

402 Purushottam Plaza, Baner Road, Pune - 411045.

Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org



69

TEST REPORT					
Test Report No	2310/AAQM/8600AAA		Date	02.11.2023	
Name & Address of the Client	M/s Pradeep H Jadhav				
	Selection of Contractor for the Work of "Legacy Waste Dumpsite Remediation through Bio remediation, Bio mining and disposal of Residual Waste' in Nagar Palika Parishd Dhar - E-Tender No. 2023 UAD 252584 1.				
PO Details	As per offer Dated 08.12.2023				
AAQM SAMPLE DETAILS					
Type	Location			Sampling done by	
Ambient	TINCHING GROUND FRONT SIDE			Lab	
Sampling Time					
Start Time	Stop Time		Total Hrs		
03.30 pm	11.30 Pm		8 Hrs.		
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date		
25.10.2023	26.10.2023	26.10.2023	02.11.2023		
Sampling Procedure		As per KLRPL/QSP/22			
Instrument used		KLRPL/FDS-2/62			
S.No	Parameters	Method	Unit	Limits	Result
1	Respirable Suspended Particulate Matter (PM 10)	IS 5182 (Part 23) 2006 RA (2022)	µg/m <sup>3</sup>	100	64.13
2	Respirable Suspended Particulate Matter (PM2.5)	IS 5182 (Part 24)2006 RA (2019)	µg/m <sup>3</sup>	60	33.23
3	Sulphur Dioxide	IS 5182 (Part 2) 2001 RA (2022)	µg/m <sup>3</sup>	80	23.27
4	Oxides of Nitrogen	IS 5182 (Part 6) 2006 RA (2022)	µg/m <sup>3</sup>	80	41.92
5	Ozone	MASA 3 RD EDDITION - 411	µg/m <sup>3</sup>	100	21.77
6	Carbon Monoxide	IS 5182 (Part 10) 1999 RA (2019)	mg/m <sup>3</sup>	2(For 8 hrs)	0.65
7	Ammonia	IS 5182 (Part 25)2018 RA (2019)	µg/m <sup>3</sup>	400	24.81
8	Benzene	IS 5182 (Part 11) 2006 RA (2022)	µg/m <sup>3</sup>	5	BDL(MDL < 0.2)
9	Benzo (a) Pyrene	CPCB Manual Vol.1(2011)	ng/m <sup>3</sup>	1	BDL(MDL < 1)
10	Lead	EPA 625/R-96/010a	µg/m <sup>3</sup>	1	BDL(MDL < 0.1)
11	Arsenic	EPA 625/R-96/010a	ng/m <sup>3</sup>	6	BDL(MDL < 0.1)
12	Nickel	EPA 625/R-96/010a	ng/m <sup>3</sup>	20	BDL(MDL < 7)
End of Test report					
BDL: -Below Detectable level & MDL: -Method detection limit.					
Limits as per NAAQS Amended on 16 Nov 2009.					
This report cannot be reproduced in parts and pertains to the sample(s) as received.					
Hologram Mandatory.					
Page 1/1		Authorised by ( Sanjay Mardikar G M )			



**KLEAN LABORATORY AND RESEARCH (P) LTD.**

CIN : U73100MH2009PTC195098

An Environmental Laboratory approved by CPCB valid up to 2024.

402 Purushottam Plaza, Baner Road, Pune- 411045.

Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org



70

**TEST REPORT**

<b>Test Report No</b>	<b>2310/AAQM/8600BBB</b>	<b>Date</b>	<b>02.11.2023</b>		
<b>Name &amp; Address of the Client</b>	<b>M/s Pradeep H Jadhav</b>				
	Selection of Contractor for the Work of "Legacy Waste Dumpsite Remediation through Bio remediation, Bio mining and disposal of Residual Waste" in Nagar Palika Parishd Dhar - E-Tender No. 2023 UAD 252584 1.				
<b>PO Details</b>	As per offer Dated 08.12.2023				
<b>AAQM SAMPLE DETAILS</b>					
<b>Type</b>	<b>Location</b>			<b>Sampling done by</b>	
Ambient	TINCHING GROUND BACK SIDE			Lab	
<b>Sampling Time</b>					
<b>Start Time</b>	<b>Stop Time</b>			<b>Total Hrs</b>	
04.00 pm	12.00 am			8 Hrs.	
<b>Sample collection Date</b>	<b>Sample receipt Date</b>	<b>Analysis start Date</b>		<b>Analysis complete Date</b>	
25.10.2023	26.10.2023	26.10.2023		02.11.2023	
<b>Sampling Procedure</b>		As per KLRPL/QSP/22			
<b>Instrument used</b>		KLRPL/FDS-12/88			
<b>S.No</b>	<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>Limits</b>	<b>Result</b>
1	Respirable Suspended Particulate Matter (PM 10)	IS 5182 (Part 23) 2006 RA (2022)	µg/m <sup>3</sup>	100	27.19
2	Respirable Suspended Particulate Matter (PM2.5)	IS 5182 (Part 24)2006 RA (2019)	µg/m <sup>3</sup>	60	18.69
3	Sulphur Dioxide	IS 5182 (Part 2) 2001 RA (2022)	µg/m <sup>3</sup>	80	14.21
4	Oxides of Nitrogen	IS 5182 (Part 6) 2006 RA (2022)	µg/m <sup>3</sup>	80	32.06
5	Ozone	MASA 3 RD EDDITION - 411	µg/m <sup>3</sup>	100	22.84
6	Carbon Monoxide	IS 5182 (Part 10) 1999 RA (2019)	mg/m <sup>3</sup>	2	0.66
7	Ammonia	IS 5182 (Part 25)2018 RA (2019)	µg/m <sup>3</sup>	400	23.48
8	Benzene	IS 5182 (Part 11) 2006 RA (2022)	µg/m <sup>3</sup>	5	BDL(MDL < 0.2)
9	Benzo (a) Pyrene	CPCB Manual Vol.1(2011)	ng/m <sup>3</sup>	1	BDL(MDL < 1)
10	Lead	EPA 625/R-96/010a	µg/m <sup>3</sup>	1	BDL(MDL < 0.1)
11	Arsenic	EPA 625/R-96/010a	ng/m <sup>3</sup>	6	BDL(MDL < 0.1)
12	Nickel	EPA 625/R-96/010a	ng/m <sup>3</sup>	20	BDL(MDL < 7)
<b>End of Test report</b>					
BDL: -Below Detectable level & MDL: -Method detection limit.					
Limits as per NAAQS Amended on 16 Nov 2009.					
This report cannot be reproduced in parts and pertains to the sample(s) as received.					
Hologram Mandatory.					
Page 1/1		Authorised by ( Sanjay Mardikar G M )			




**KLEAN LABORATORIES AND RESEARCH (P) LTD.**

CIN : U73100MH2009PTC195098

An Environmental Laboratory approved by CPCB valid up to 2024.

402 Purushottam Plaza, Baner Road, Pune- 411045.

Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org



TC-9512

TEST REPORT					
Test Report No	2023/10/SL/2128	Date	02.11.2023		
Name & Address of the Client	M/s Pradeep H Jadhav Selection of Contractor for the Work of "Legacy Waste Dumpsite Remediation through Bio remediation, Bio mining and disposal of Residual Waste' in Nagar Palika Parishd Dhar - E-Tender No. 2023 UAD 252584 1.				
PO Details	As per offer Dated 08.12.2023				
SOIL SAMPLE DETAILS					
Type	Container	Collection by	Quantity		
Soil-Near Trenching Ground Processing Plant	Plastic Bag With Zip	Client	250 Gm		
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date		
25.10.2023	26.10.2023	26.10.2023	02.11.2023		
Sampling Procedure	As per KLRPL/QSP/22				
S.No.	Parameters	Method	Unit	Limit	Result
1	pH	IS 2720 (Part 26):2021	--	--	8.02
2	Conductivity	IS 14767 : 2021	µmhos /Cm	--	1700
3	Chloride	USEPA 9253: 1994	mg/Kg	--	332
4	Sulphate	IS 2720 (Part 27) :2020	mg/Kg	--	182
5	Total Organic Compound	Method manual Ministry of Agriculture, Government of India:2011	mg/Kg	--	2.08
6	Total Nitrogen	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	10.64
7	Total Phosphorous	Soil Manual PK Behera	mg/Kg	--	1.68
8	Total Potassium	USEPA 3050B Revision 2: 1996	mg/Kg	--	90
9	Sodium	USEPA 3050B	mg/Kg	--	304
10	Iron	Soil Manual PK Behera	mg/Kg	--	0.73
11	Lead	USEPA 3050B	mg/Kg	--	BDL(MDL<0.5)
12	Chromium	USEPA 3050B	mg/Kg	--	BDL(MDL<0.5)
13	Cadmium	USEPA 3050B	mg/Kg	--	BDL(MDL<0.5)
14	Arsenic	USEPA 3050B	mg/Kg	--	BDL(MDL<0.5)
End of Test report					
BDL: -Below Detectable level & MDL: -Method detection limit.					
This report cannot be reproduced in parts and pertains to the sample(s) as received.					
Hologram Mandatory.					
Page 2/2		Authorised by ( Sanjay Mardikar G M )			


**KLEAN LABORATORIES AND RESEARCH (P) LTD.**

CIN : U73100MH2009PTC195098

*An Environmental Laboratory approved by CPCB valid up to 2024.*

402 Purushottam Plaza, Baner Road, Pune- 411045.

Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org



TEST REPORT					
Test Report No	2023/10/BW/2127			Date	02.11.2023
Name & Address of the Client	M/s Pradeep H Jadhav				
	Selection of Contractor for the Work of "Legacy Waste Dumpsite Remediation through Bio remediation, Bio mining and disposal of Residual Waste' in Nagar Palika Parishd Dhar - E-Tender No. 2023_UAD_252584_1.				
PO Details	As per offer Dated 08.12.2023				
WATER SAMPLE DETAILS					
Type	Container	Collection by	Quantity		
Water Sample-Near Canel Borewell Sample	Plastic bottle	Lab	1000 ml		
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date		
25.10.2023	26.10.2023	26.10.2023	02.11.2023		
Sampling Procedure	As per KLRPL/QSP/22				
S.No.	Parameters	Method	Unit	Limit	Result
1	pH	APHA 4500 - H+ B 2017	--	--	7.41
2	Total Suspended Solids	APHA 2540-D	mg/L	--	BDL.(MDL< 1)
3	Total Dissolved Solids	APHA 2540-C	mg/L	--	1080
4	C.O.D.	APHA 5220-C 2017	mg/L	--	28
5	3 Day BOD @ 27°C	IS. 3025 (Part 44) :1993 (Reaffirmed. 2009)	mg/L	--	5
6	Oil & Grease	IS 3025 (Part 39) : 1991 (Reaffirmed 2009)	mg/L	--	BDL.(MDL< 1)
7	Chloride	APHA 4500 - Cl B-	mg/L	--	230
8	Sulphate	APHA 4500 - SO <sub>4</sub> <sup>2-</sup> E	mg/L	--	164
BDL: -Below Detectable level & MDL: -Method detection limit.					
This report cannot be reproduced in parts and pertains to the sample(s) as received.					
Hologram Mandatory.					
Page 1/1		Authorised by ( Sanjay Mardikar G M )			

An ISO 9001:2015 CERTIFIED LAB

**TEST REPORT**  
**SOIL SAMPLE ANALYSIS REPORT**

Format No. RAL/F-40

<b>Name &amp; Address of Company/Customer</b>		<b>Work Order No./ Reference No. of Letter</b>		<b>CoA No.</b>		<b>CoA Issue Date</b>	
M/S. Nagar Palika Parishad Pithampur. Contractor Name- SR MAP Technology Gwalior.		---		RAL/2024/DEC/081		24/12/2024	
<b>Sample Name</b>	<b>Sample ID</b>	<b>Date of Receipt</b>	<b>Sample Quantity</b>	<b>Packing</b>	<b>Sample location</b>		<b>Sample Submitted By</b>
Soil Sample	RAL/2024/DEC/081	16/12/2024	2.5 Kg Approx.	Poly Bag	Pithampur Dumpsite ULB. Sector II Industrial Area, Pithampur		Client
<b>Analysis Start Date</b>		17/12/2024		<b>Analysis End Date</b>		23/12/2024	

**Test Details :-**

S.NO.	Test Parameter	Unit	Result	Method of Analysis
1.	Texture	—	Sandy Clay Loam	IS: 2720 : Part-4
2.	Sand	%	42.6	IS: 2720 : Part-4
3.	Silt	%	23.7	IS: 2720 : Part-4
4.	Clay	%	16.1	IS: 2720 : Part-4
5.	pH	--	7.33	IS:2720 : Part-26 :1987
6.	Moisture Content	%	18.35	IS:4332 : Part-2
7.	Electrical Conductivity	µs/cm	299.0	IS:14767:2000
8.	Potassium as K	mg/kg	240.6	EPA3050 B/APHA23rd Edition 3111B :2017
9.	Phosphorous as P	mg/kg	49.74	EPA3050 B/APHA23rd Edition 3111B :2017
10.	Total Nitrogen	mg/kg	180.65	IS:14684:1999
11.	Sodium as (Na)	mg/kg	135.4	EPA3050 B/APHA23rd Edition 3111B :2017
12.	Total Organic Matter	%	1.45	IS 2720 : Part 22 : 1972
13.	Magnesium Level.	mg/kg	410.85	IS 2720 : Part 24 : 1976
14.	Bulk Density	gm/cc	1.37	IS 2720 : Part 28 : 1974
15.	Porosity	%	22.10	IS 13030
16.	Calcium (Ca)	mg/kg	1132.58	IS 2720 : Part 23 : 1973
17.	Water Holding Capacity (WHC)	%	28.52	IS 2720 : Part 2

**Note:**

1. The results are related only to the sample tested.
2. The legal liabilities limited up to the analytical charges only .
3. This report shall not be reproduced without the written approval of RAL.
4. This Report in full or in part shall not be used for advertising or as evidence in any court of Law.
5. NABL Accredited Lab (ISO IEC 2017) Validity 30.05.2025

\*\*\*\*\*

**END OF REPORT**

*Sauji*  
Checked by



Authorized Signatory

An ISO 9001:2015 CERTIFIED LAB

**TEST REPORT**

Format No. RAL/F-40

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		CoA No.	CoA Issue Date	
M/S. SR MAP Technologies, Gwalior.		---		RAL/2024/APR/085	04/05/2024	
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample location	Sample Submitted By
Soil Sample	RAL/2024/APR/085	28/04/2024	2.5 Kg Approx.	Poly Bag	Rajgarh ,Dhar (M.P.)	Client
Analysis Start Date	29/04/2024		Analysis End Date	04/05/2024		

**Test Details :-**

S.NO.	Test Parameter	Unit	Result	Method of Analysis
1.	Texture	—	Sandy Clay Loam	IS: 2720 : Part-4
2.	Sand	%	41.1	IS: 2720 : Part-4
3.	Silt	%	24.9	IS: 2720 : Part-4
4.	Clay	%	14.7	IS: 2720 : Part-4
5.	pH	—	7.32	IS:2720 : Part-26 :1987
6.	Moisture Content	%	9.9	IS:4332 : Part-2
7.	Electrical Conductivity	µs/cm	311.8	IS:14767:2000
8.	Potassium as K	mg/kg	218.3	EPA3050 B/APHA23rd Edition 3111B :2017
9.	Phosphorous as P	mg/kg	46.6	EPA3050 B/APHA23rd Edition 3111B :2017
10.	Total Nitrogen	mg/kg	163.6	IS:14684:1999
11.	Sodium as (Na)	mg/kg	121.1	EPA3050 B/APHA23rd Edition 3111B :2017
12.	Total Organic Matter	%	1.37	IS 2720 : Part 22 : 1972
13.	Magnesium Level.	mg/kg	381.8	IS 2720 : Part 24 : 1976
14.	Bulk Density	gm/cc	1.36	IS 2720 : Part 28 : 1974
15.	Porosity	%	21.57	IS 13030
16.	Calcium (Ca)	mg/kg	1080.2	IS 2720 : Part 23 : 1973
17.	Water Holding Capacity (WHC)	%	29.4	IS 2720 : Part 2

**Note:**

- The results are related only to the sample tested.
- The legal liabilities limited up to the analytical charges only .
- This report shall not be reproduced without the written approval of RAL.
- This Report in full or in part shall not be used for advertising or as evidence in any court of Law.
- NABL Accredited Lab (ISO IEC 2017) Validity 30.05.2025

\*\*\*\*\*

**END OF REPORT**

*Sauji*  
Checked by



Authorized Signatory



F/7.8/II

# ITL LABS PVT. LTD.™

Govt. Approved Test House

25, Gokul Das Compound, Industrial Estate, Opp. Kalyan Mill,  
Indore - 452 011 Phone : 0731-2972927, 2972928

## TEST REPORT

Page 1 of 1

Sample Submitted By	Trenching Ground, Thandla Thandla Municipal Council, Distt Jhabua (MP)		Report No. I202312130018		
Ref.No	N.S				
Date of Receipt	03/04/2024				
Sample	BIO SOIL	Date of Completion	08/04/2024		
Mfg By	N.S	Date of Release	08/04/2024		
Lic. No.	N.S				
Batch No.	N.S	Mfg.Date	N.S	Sample Qty.	2 KG APPROX
Sample Pck.	Polythene pack	Exp.Date	N.S	Protocol	Ref. FCO 2009

S.No.	Parametr	Result	Specification
i	Moisture	17.0%w/w	Lt.15.0 to 25.0%
ii	Colour	Dark brown	Dark brown to black
iii	Particle Size	95.0%w/w	Min. 90.0% Material should pass through 4.0 mm IS Sive
iv	Bulk Density (g/cm <sup>3</sup> )	0.950	<1.0
v	Total Organic Carbon, (% by weight)	14.88%	Lt. Min. 12.0%
vi	Total Nitrogen (as N) (% by weight)	1.42%	Lt. Min. 0.8%
vii	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> ) (% by weight)	1.18%	Lt. Min. 0.4%
viii	Total Potash (as K <sub>2</sub> O) (% by weight)	1.30%	Lt. Min. 0.4%
ix	C : N Ratio	10.94 : 1	Lt. <20.0
x	pH	7.9	Lt. 6.5 to 7.5
xi	Conductivity (as dsm <sup>-1</sup> )	2.5	Lt. NMT 4.0

Remark : 1. The test report issued subject to the terms & condition mentioned overleaf.

\*\*\*END OF REPORT\*\*\*

Checked By

Authorised signatory



F/7.8/II

ITL LABS PVT. LTD.™

Govt. Approved Test House

25, Gokul Das Compound, Industrial Estate, Opp. Kalyan Mill,  
Indore - 462 011 Phone : 0731-2072027, 2072028

## TEST REPORT

Report No. I202404030024

Sender / Party	Trenching Ground, Thandla Thandla Municipal Council, Distt. Jhabua (MP)		
Sample Name	Legacy Waste		
Reference no. of letter	N S	Receipt Date	03/04/2024
Mfg. By	N.S	Date of Analysis	03/04/2024
Supplier By	N.S	Date of Completion	08/04/2024
Batch no. & Code no.	N S	Batch Size	N S
Mfg. Date	NA	Sample Qty	250 G APPROX
Exp. Date	NA	Lio. No.	N.S
Sample Packing	Polythene pack	Protocol	IN HOUSE

Above information is provided by customer

SL.	PARAMETERS	Results	Units	Test Method
1	pH	6.2	---/--	---/--
2	Bulk Density	0.9	MT/cum	IS : 2386 (P-3) : 1963
3	Organic waste	3.5	% w/w	Physical Verification
4	Plastic, Polythene, Tetra Packs, Textiles Etc. (RDF)	92.0	% w/w	Physical Verification
5	Paper and Card Board	0.5	% w/w	Physical Verification
6	Metal, Glass, Leather, Rubber Etc. (Recyclable Material)	0.5	% w/w	Physical Verification
7	Horticulture Waste & Wooden Piece	1.5	% w/w	Physical Verification
8	Inert (Silt, Debris, Construction and Demolition Waste Etc.)	2.0	% w/w	Physical Verification

Remarks : 1 The test report is issued to the terms &amp; conditions mentioned overleaf.

Checked By

08/04/2024  
Date of Completion

Authorized Signatory



F/7.8/11

ITL LABS PVT. LTD.™

Govt. Approved Test House

25, Gokul Das Compound, Industrial Estate, Opp. Kalyan Mill,  
Indore - 452 011 Phone : 0731-2972927, 2972928

## TEST REPORT

Page : 1 of 1

Report No. I202404030025

Sender / Party	Trenching Ground, Thandla Thandla Municipal Council, Distt. Jhabua (MP)		
Sample Name	RDF		
Reference no. of letter	N S	Receipt Date	03/04/2024
Mfg. By	N S	Date of Analysis	03/04/2024
Supplied By	N S	Date of Completion	08/04/2024
Batch no. & Code no.	N S	Batch Size	N.S
Mfg. Date	NA	Sample Qty	500 G APPROX
Exp. Date	NA	Lic. No.	N.S
Sample Packing	Polythene pack	Protocol	IN HOUSE

Above information is provided by customer

SL.	PARAMETERS	Results
1	Gross Caloric Value	2950 Kcal/kg
2	Total Ash	20.1%w/w
3	Total Moisture	25.50%w/w

Remarks : 1 The test report is issued to the terms &amp; conditions mentioned overleaf.

  
Checked By

 08/04/2024  
 Date of Completion


  
Authorized Signatory

**RAL****RELIABLE  
ANALYTICAL  
LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)

8103898979, 9907136827

ral2021indore@gmail.com

**An ISO 9001:2015 CERTIFIED LAB**

13.	Leather Waste	%	0	0
14.	Rubber Waste	%	1.1	1.1
15.	Synthesis Waste	%	1.7	2
16.	Tetra Packs	%	0	0
17.	Cloths & Rags	%	3.8	2.8
18.	Food Waste	%	2.9	3.1
19.	Vegetable Waste	%	1.7	2.7
20.	Horticulture Waste	%	1.3	2.6
21.	Wood Miscellaneous	%	4.3	3.5
22.	Inert Waste	%	14.9	13.8
23.	Natural Soil	%	61.3	60.2



SR Map Technologies  
 15, Paricharika Nagar, Indore - 452 001 (M.P.)  
 8103898979, 9907136827  
 ral2021indore@gmail.com



SR Map Technologies  
 15, Paricharika Nagar, Indore - 452 001 (M.P.)  
 8103898979, 9907136827  
 ral2021indore@gmail.com

SR Map Technologies  
*Handwritten Signature*  
 Auth. Signatory

**RAL****RELIABLE  
ANALYTICAL  
LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)

8103898979, 9907136827

ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

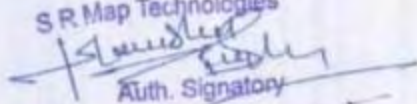
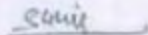
**TEST-REPORT**  
**Solid Waste Characterization**

Format No. RAL/F-40

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		Report Issue Date		
M/S. Nagar Palika Parishad Pithampur, Contractor Name- SR MAP Technology Gwalior.		-----		24/12/2024		
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample location	Sample Submitted By
Solid Waste Same	RAL/2024/DEC/082 RAL/2024/DEC/083 RAL/2024/DEC/084 RAL/2024/DEC/085	16/12/2024	5.0 Kg Approx.	Poly Bag	Pithampur Dumpsite U.L.B. Sector II Industrial Area, Pithampur	Client
Analysis Start Date		17/12/2024	Analysis End Date		23/12/2024	

**Test Details: -Solid Waste Location Pithampur (M.P.)**

S.NO.	Test Parameter	Unit	Result	
			Sample-1 RAL/2024/DEC/082	Sample-2 RAL/2024/DEC/083
1.	pH	---	6.1	6.7
2.	Electrical Conductivity	µs/cm	1465	1254
3.	Total Organic Carbon	%	8.3	7.2
4.	Moisture Content	%	27.8	29.3
5.	Gross Calorific Value	Kcal/kg	2141.58	1995.0
6.	Bulk Density	Kg/m <sup>3</sup>	0.87	0.86
7.	Total kjeldhal Nitrogen	Mg/kg	4251.0	4171
8.	C/N Ratio	-	16.54	17.78
<b>Physical Waste Characterization of Municipal Solid Waste</b>				
9.	Plastic Waste	%	1.9	2.1
10.	Plastic Bags	%	2	1.9
11.	Paper waste	%	1.5	2
12.	Glass & Metal Waste	%	1.6	2.4

S R Map Technologies  
  
 Auth. Signatory  
  
 Checked by

  
 Authorized Signatory



# RKCT LABORATORY PVT. LTD.

AN ISO: 9001-2015 CERTIFIED & ISO/IEC: 17025-2017 ACCREDITED TESTING LABORATORY  
(MECHANICAL TESTING, ELECTRICAL TESTING, CHEMICAL TESTING, FOOD TESTING,  
BUILDING MATERIAL TESTING, WATER TESTING, NON DESTRUCTIVE TESTING)

Address : 316/3, Raigwa, Patan Bypass Road, Jabalpur, M.P., 482002

Email : Info@rkcc.in, rkctlaboratory@gmail.com , Web : www.rkcc.in

Contact : Toll Free No : 18002338844, 7828205137 (O)

## Test Report


Report No.:- RKCT/2024/12/0435-1788	Description of Sample:- Soil Under 10mm
Agreement No. :- NA	Condition of Sample when received: Ok
Reference No. :- EMIP/2024-25/027,Date- 27.11.2024	Packing When Received: -Bag
Name of Agency:- M/s.Ecourban Management India Pvt.Ltd.	Quantity when received: - 1kg
	Temperature:- 27.4°C   Humidity: 62%
	Date of Sample Received:- 28.11.2024
	Date of Test Start:- 29.11.2024
Project name :- The Providing enrich soil testing samples recovered at Junnardeve soil waste dumping yard ,municipal council junnardev.	Date of test Completion:- 04.12.2024
	Date of Report Issue:- 04.12.2024

### TEST RESULTS OF SOIL SAMPLE ARE REPORTED AS BELOW

S. No.	Name Of Test	Units of Measurement	Test Result	Test Method
1.	Colour	-	Black	-
2.	Texture	-	Sandy	-
3.	PH Value	-	8.47	IS:2720 (Part-26) 1987,R.A. 2021
4.	Moisture Content	%	16.85	IS:2720 (Part-2) 1973,R.A. 2020
5..	Organic Carbon	%	2.28	IS:2720 (Part-22) 1972,R.A. 2020
6.	Organic Matter	%	6.77	IS:2720 (Part-22) 1972,R.A. 2020
7.	Total Phosphorus	%	0.56	IS:10158 :RA 2019
8.	Total Nitrogen	%	0.48	IS:10158 :RA 2019
9.	Available Potassium	%	0.20	IS:10158 :RA 2019
10.	Sulphur	mg/kg	BDL	IS:10158 :RA 2019
11.	Chloride Content	mg/kg	30.79	IS:10158 :RA 2019
12.	Cadmium Total	mg/kg	0.281	IS:10158 :RA 2019
13.	Copper Total	mg/kg	26.22	IS:10158 :RA 2019
14.	Iron	mg/kg	163.01	IS:10158 :RA 2019
15.	Arsenic	mg/kg	BDL	IS:10158 :RA 2019
16.	Zinc Total	mg/kg	41.64	IS:10158 :RA 2019
17.	Manganese	mg/kg	136.74	IS:10158 :RA 2019
18.	Conductivity	µS/cm	1.85	-

  
Reviewed By



  
Authorized Signatory  
Name: Ravindra Tomar  
Designation: MD/QM



#### Disclaimer:

1. Laboratory is not responsible for the information supplied by the customer.
2. Test results only valid for sample tested.
3. This report is not valid for judicial purpose.
4. This report cannot be reproduced except in full without written approval from the laboratory.



## Test Report

Report No.:- RKCT/2024/12/0435-1789	Description of Sample:- Soil Under 30 mm	
Agreement No. :- NA	Condition of Sample when received: Ok	
Reference No. :- EMIP/2024-25/027, Date- 27.11.2024	Packing When Received: -Bag	
Name of Agency:- M/s.Ecourban Management India Pvt.Ltd.	Quantity when received: - 1kg	
	Temperature:- 27.4°C	Humidity: 62%
	Date of Sample Received:- 28.11.2024	
	Date of Test Start:- 29.11.2024	
Project name :- The Providing enrich soil testing samples recovered at Junnardeve soild waste dumping yard ,municipal council junnardev.	Date of test Completion:- 04.12.2024	
	Date of Report Issue:- 04.12.2024	

### TEST RESULTS OF SOIL SAMPLE ARE REPORTED AS BELOW

S. No.	Name Of Test	Units of Measurement	Test Result	Test Method
1.	Colour	-	Black	-
2.	Texture	-	Sandy	-
3.	PH Value	-	8.50	IS:2720 (Part-26) 1987,R.A. 2021
4.	Moisture Content	%	18.61	IS:2720 (Part-2) 1973,R.A. 2020
5..	Organic Carbon	%	2.25	IS:2720 (Part-22) 1972,R.A. 2020
6.	Organic Matter	%	6.68	IS:2720 (Part-22) 1972,R.A. 2020
7.	Total Phosphorus	%	0.61	IS:10158 :RA 2019
8.	Total Nitrogen	%	0.57	IS:10158 :RA 2019
9.	Available Potassium	%	0.24	IS:10158 :RA 2019
10.	Sulphur	mg/kg	BDL	IS:10158 :RA 2019
11.	Chloride Content	mg/kg	25.53	IS:10158 :RA 2019
12.	Cadmium Total	mg/kg	0.308	IS:10158 :RA 2019
13.	Copper Total	mg/kg	28.61	IS:10158 :RA 2019
14.	Iron	mg/kg	181.14	IS:10158 :RA 2019
15.	Arsenic	mg/kg	BDL	IS:10158 :RA 2019
16.	Zinc Total	mg/kg	44.16	IS:10158 :RA 2019
17.	Manganese	mg/kg	138.11	IS:10158 :RA 2019
18.	Conductivity	µS/cm	1.91	-

Reviewed By



  
 Authorized Signatory  
 Name: Ravindra Kumar  
 Designation: MD/OM



**Disclaimer:**

1. Laboratory is not responsible for the information supplied by the customer.
2. Test results only valid for sample tested.
3. This report is not valid for judicial purpose.
4. This report cannot be reproduced except in full without written approval from the laboratory.



<b>RKCT Laboratory Pvt. Ltd.</b>		Amendment No.	3	
		Amendment Date	08.12.2023	
QF No.: RKCT/7.1/SRF		Issue No.	3	
		Issue Date	08.12.2023	
Service Request Form				
SRF No.	RKCT-1978	Client Ref. No.		
SRF Date	28/11/24	Client Ref. Date		
Mode of Request	BY RT sir			
Name of Client/ Department	EcoUrban Management India Pvt Ltd. Maggur			
Name of Contractor (if available)	Site - Junnardeo dumping Yard			
Project Details	For Biomining work at Junnardeo dumping Yard			
DESCRIPTION & IDENTIFICATION OF ITEM				
S.No.	Item Details	Qty	Test Requirement	Specific Method
1)	under 10 mm soil	1 kg	micro nutrients	
2)	under 30 mm soil	1 kg	& macro nutrients EC	
For Office Use Only:				
Expected Date of Delivery of result				
Whether Statement of Conformity if required		Yes/No		
Quantity of Sample		Sufficient/ insufficient		
Condition of sample when received		Loose packed/ Sealed/PVC Packing/ Air tight container		
Any Special instruction by client				
Nikhil Chouhary - 9260181479				
Client's Name and Signature		Laboratory representative's Name & Sign.		

(N) Chouhary



Ref:-EMIP/2024-25/027

Date: 27.11.2024

To,  
Manager  
RKCT LABORATORY PVT. LTD  
P 316/3, raigwa, Patan Bypass Road,  
in front of green valley school,  
Karmeta, Jabalpur, Madhya Pradesh 482002

Subject: - Request for providing enrich soil testing samples recovered at Junnardev solid waste dumping yard, municipal Council Junnardev.

Respected Sir/Madam,

We M/s. Ecouurban Management India Pvt. Ltd. Nagpur, are working at Junnardev Solid Waste Dumping yard under Municipal Council Junnardev swacch Bharat mission program. We have recovered enrich soil by processing of legacy waste through biomining.

The recovered enriched soil needs to be tested for macro nutrients (NPK), micro nutrients (Fe, Boron, Sulphur, Cu, Mg, Zn) and other fertile soil related parameter testing facilities available in your laboratory.

We are ready to pay the necessary expenses for soil testing as per the above parameters.

For,

M/s.Ecouurban Management India Pvt. Ltd

Director



+91 9260181479 +91 9021390478



ecourbanindia@gmail.com



Plot No. 70, Cosmos Town, Trimurti Nagar, Nagpur -440022 (MH)



# Mahabal Enviro Engineers Pvt. Ltd.

1663

84

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA  
Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**

## TEST REPORT



Report No.:	ME-1367240418	Date:	02.05.2024
ULR No.:	-		

Name and Address of Customer	<b>HYDROINDIA ENGINEERING CONSULTANTS Plot No. 25 Sacchidanand Nagar, Manewada Nagpur-24</b>		WO No.: Verbal WO Date: -
Sample Description / Type	Compost	Sampling Done by	Customer
Sampling Location	Trenching Ground Municipal Council Nainpur Dist. Mandla (M.P.)	Sample Quantity / Packing	2 kg X 1 No. Sack
Date of Sampling	17.04.2024	Date of Receipt of Sample	18.04.2024
Sampling Procedure	Sample tested as received		
Date of Start of Analysis	20.04.2024	Date of Completion of Analysis	29.04.2024

Sr. No.	Parameter	Unit	Result	#Limits	Method Reference
1.	Colour	-	Black	Dark brown to black	Method of Analysis of Organic Fertilizer
2.	Texture	-	Clay	-	Visual Method
3.	pH (1+5)	-	7.9	6.5 to 7.5	Method of Analysis of Organic Fertilizer Page no. 72
4.	Moisture Content	%	21.5	15.0 to 25.0	Method of Analysis of Organic Fertilizer Page no. 72
5.	Organic Carbon	%	6.66	Min. 12	Method of Analysis of Organic Fertilizer Page no. 73
6.	Organic Matter	%	11.5	-	Method of Analysis of Organic Fertilizer Page no. 73
7.	Total Nitrogen (as N)	%	0.897	Min 0.8	Method of Analysis of Organic Fertilizer Page no. 74
8.	Total Phosphorous (as P <sub>2</sub> O <sub>5</sub> )	%	0.489	Min 0.4	Method of Analysis of Organic Fertilizer Page no. 77
9.	Total Potassium (as K <sub>2</sub> O)	%	0.324	Min 0.4	Method of Analysis of Organic Fertilizer Page no. 78
10.	Chloride	mg/kg	973	-	USEPA/SW 846 Method 9253: 1996
11.	Sulphate	mg/kg	1743	-	USEPA/SW 846, 9038: Rev-0, Sep: 1996
12.	Cadmium Total	mg/kg	4.29	5 Max.	Method of Analysis of Organic Fertilizer Page no. 82
13.	Copper Total	mg/kg	230	300 Max.	Method of Analysis of Organic Fertilizer Page no. 82
14.	Iron	mg/kg	17466	-	Method of Analysis of Organic Fertilizer Page no. 82
15.	Arsenic	mg/kg	2.14	10 Max.	Method of Analysis of Organic Fertilizer Page no. 82
16.	Zinc Total	mg/kg	189	1000 Max.	Method of Analysis of Organic Fertilizer Page no. 82
17.	Manganese	mg/kg	406	-	Method of Analysis of Organic Fertilizer Page no. 82

END OF REPORT

Reviewed and  
authorised by

**Harish Mendhi**  
Technical Manager  
Chemical Testing

Page 1 of 2  
QF/SALE/02  
Issue No 03  
Date 05.12.2019.  
Amd 03 Date  
18.07.2023



# Mahabal Enviro Engineers Pvt. Ltd.

1664

85

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA  
Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**



SS-1367240418

## TEST REPORT

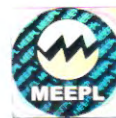
Report No.:	ME-1367240418	Date:	02.05.2024
ULR No.:	-		

- Note:**
1. BQL: Below Quantification Limit.
  2. LOQ: Limit of Quantification.
  3. All results expressed on as received basis.
  4. #: Specifications for Organic Compost (FCO 2009) as per MoEFCC Solid Waste Management Rules, 2016 Schedule-II
  5. The result listed refers only to the tested sample(s) and applicable parameter(s).
  6. This report is not to be reproduced except in full, without the written approval of the laboratory.
  7. Any complaint pertaining to the report can be addressed to mahabalreports@gmail.com

Page 2 of 2  
QF/SALE/02  
Issue No 03  
Date 05.12.2019.  
Amd 03 Date  
18.07.2023

Reviewed and  
authorised by

**Harish Mendhi**  
Technical Manager  
Chemical Testing



# कार्यालय मिट्टी परीक्षण प्रयोगशाला मण्डला जिला मण्डला

प्रति,

उप संचालक

किसान कल्याण तथा कृषि विकास  
मण्डला जिला मण्डला।



विषय :- गाजीपुर मण्डला से प्राप्त मृदा नमूने का परीक्षण रिपोर्ट प्रस्तुत करने बावत।

क्रमांक	पैरामीटर का नाम	टेस्ट रिपोर्ट	मानक स्तर	आकलन
1	पी.एच	7.50	अम्लीय 6.0 से कम सामान्य 6.1-8.5 क्षारीय 8.6 से उपर	सामान्य
2	ई.सी.	2.20 मिलीमहोज	सामान्य 1 से कम मध्यम 1.1 से 2 हानिकारक 2.1 से जादा	हानिकारक
3	ओर्गनिक कार्बन	2.97 प्रतिशत	निम्न 0.5 से कम मध्यम 0.51 से 0.75 उच्च 0.76 से अधिक	अत्यधिक
4	उपलब्ध नाइट्रोजन	560 कि.ग्र /हे. से अधिक	निम्न 250 से कम मध्यम 251 से 400 उच्च 401 से जादा	अत्यधिक
5	उपलब्ध फास्फोरस	24 कि.ग्र/हे.	निम्न 10 से कम मध्यम 11 से 20 उच्च 21 से जादा	उच्च
6	उपलब्ध पोटैश	561 कि.ग्र/हे.	निम्न 140 से कम मध्यम 141 से 280 उच्च 281 से जादा	उच्च
7	उपलब्ध सल्फर	75 पी.पी.एम.	निम्न 10 से कम पर्याप्त 10 से जादा	अत्यधिक
8	उपलब्ध जिंक	4.49 पी.पी.एम.	निम्न 0.5 से कम पर्याप्त 0.5 से जादा	उच्च
9	उपलब्ध बोरान	0.36 पी.पी.एम.	निम्न 0.5 से कम पर्याप्त 0.5 से जादा	निम्न
10	उपलब्ध आयरन	3.54 पी.पी.एम.	निम्न 4.5 से कम पर्याप्त 4.5 से जादा	निम्न
11	उपलब्ध मैग्नीज	0.42 पी.पी.एम.	निम्न 2 से कम पर्याप्त 2 से जादा	निम्न
12	उपलब्ध कापर	0.54 पी.पी.एम.	निम्न 0.2 से कम पर्याप्त 0.2 से जादा	पर्याप्त

13-4-2024  
मिट्टी परीक्षण प्रयोगशाला  
मण्डला जिला मण्डला



1666

87

# Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA

Phone: 0712-2612162/2612212 email: nagpur@mahabal.com

## TEST REPORT



55-1366240418

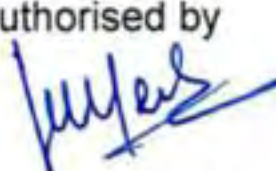
Report No.:	ME-1366240418	Date:	02.05.2024
ULR No.:	-		

Name and Address of Customer	<b>ECOURBAN MANAGEMENT INDIA PVT. LTD. Plot No. 17, 2<sup>nd</sup> Floor COSMOS Town, Trimurti Nagar, Nagpur.</b>		WO No.: Verbal WO Date: -
Sample Description / Type	Compost	Sampling Done by	Customer
Sampling Location	Trenching Ground Municipal Council Seoni, MP	Sample Quantity / Packing	2 kg X 1 No. Sack
Date of Sampling	17.04.2024	Date of Receipt of Sample	18.04.2024
Sampling Procedure	Sample tested as received		
Date of Start of Analysis	20.04.2024	Date of Completion of Analysis	29.04.2024

Sr. No.	Parameter	Unit	Result	#Limits	Method Reference
1.	Colour	-	Black	Dark brown to black	Method of Analysis of Organic Fertilizer
2.	Texture	-	Clay	-	Visual Method
3.	pH (1+5)	-	7.8	6.5 to 7.5	Method of Analysis of Organic Fertilizer Page no. 72
4.	Moisture Content	%	22.5	15.0 to 25.0	Method of Analysis of Organic Fertilizer Page no. 72
5.	Organic Carbon	%	6.57	Min. 12	Method of Analysis of Organic Fertilizer Page no. 73
6.	Organic Matter	%	11.3	-	Method of Analysis of Organic Fertilizer Page no. 73
7.	Total Nitrogen (as N)	%	0.918	Min 0.8	Method of Analysis of Organic Fertilizer Page no. 74
8.	Total Phosphorous (as P <sub>2</sub> O <sub>5</sub> )	%	0.458	Min 0.4	Method of Analysis of Organic Fertilizer Page no. 77
9.	Total Potassium (as K <sub>2</sub> O)	%	0.376	Min 0.4	Method of Analysis of Organic Fertilizer Page no. 78
10.	Chloride	mg/kg	1063	-	USEPA/SW 846 Method 9253: 1996
11.	Sulphate	mg/kg	1999	-	USEPA/SW 846, 9038: Rev-0, Sep: 1996
12.	Cadmium Total	mg/kg	4.25	5 Max.	Method of Analysis of Organic Fertilizer Page no. 82
13.	Copper Total	mg/kg	232	300 Max.	Method of Analysis of Organic Fertilizer Page no. 82
14.	Iron	mg/kg	17148	-	Method of Analysis of Organic Fertilizer Page no. 82
15.	Arsenic	mg/kg	2.06	10 Max.	Method of Analysis of Organic Fertilizer Page no. 82
16.	Zinc Total	mg/kg	194	1000 Max.	Method of Analysis of Organic Fertilizer Page no. 82
17.	Manganese	mg/kg	416	-	Method of Analysis of Organic Fertilizer Page no. 82

**END OF REPORT**

Page 1 of 2  
QF/SALE/02  
Issue No 03  
Date 05.12.2019.  
Amd 03 Date  
18.07.2023

Reviewed and  
authorised by  
  
**Harish Mendhi**  
Technical Manager  
Chemical Testing



# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

**NAME & ADDRESS OF CUSTOMER:**

M/s. SR Map Technologies, Gwalior.

**REPORT NO** : ETS/589/11/2023

**REPORT DATE** : 3/11/2023

**CUSTOMER REF** : Verbal

**REF DATE** : NA

## TEST REPORT

### Solid Waste Characterization

**SAMPLE TYPE** : SOLID WASTE

**LOCATION** : KANDILE KA PURA TRENCHING YARD/DUMPSITE

**SAMPLE COLLECTED BY** : ENVIRO TECH SERVICES GAZIABAD

#### 1. SOLID WASTE LOCATION: PIT 1 KANDILE KA PURA TRENCHING YARD/DUMPSITE, BANMORE NAGAR PARISHAD, DISTRICT-MORENA (M. P.)

SR. NO.	PARAMETER	UNIT	RESULT	
			Sample-1	Sample-2
1	pH	-	6.8	6.9
2	Electrical Conductivity	$\mu\text{S/cm}$	1345	1370
3	Total Organic Carbon	%	7.12	6.9
4	Moisture Content	%	25.9	26.1
5	Gross Calorific Value	Kcal/kg	2820	2760
6	Bulk Density	$\text{Kg/m}^3$	0.85	0.88
7	Total kjeldhal Nitrogen	Mg/kg	4320	4340
8	C/N Ratio	-	17:01	17:05
Physical Waste Characterization of Municipal Solid Waste				
9	Plastic Waste	%	5.4	6
10	Plastic Bags	%	3.26	3.86
11	Paper waste	%	1.2	1.8
12	Glass & Metal Waste	%	3.12	3.72
13	Leather Waste	%	0	0



For Enviro-Tech Services  
*[Signature]*  
AUTHORIZED SIGNATORY,  
Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

SR. NO.	PARAMETER	UNIT	RESULT	
			Sample-1	Sample-2
14	Rubber Waste	%	1.02	1.62
15	Synthesis Waste	%	2.5	3.1
16	Tetra Packs	%	0	0
17	Cloths & Rags	%	7.03	7.63
18	Food Waste	%	10.2	10.8
19	Vegetable Waste/Fish/Mutton	%	24.9	25.5
20	Horticulture Waste	%	16.9	17.5
21	Wood Miscellaneous	%	14.23	14.83
22	Inert Waste	%	3.6	4.2
23	Natural Soil	%	6.64	7.24




**Sampling Date: 28/10/2023**  
**Time: 4.29 PM**



**Sample 1: Sample Registration Number**  
**ETS/589-1/11/2023**



For Enviro-Tech Services  
  
 AUTHORIZED SIGNATORY,  
 Pashkar Mittal  
 Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Note:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# 1669 ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



Sampling Date: 28/10/2023

Time: 4.28 PM



Sample 2: Sample Registration Number

ETS/589-2/11/2023



For Enviro-Tech Services  
*[Signature]*  
AUTHORIZED SIGNATORY,  
Pashkar Mittal  
Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# ENVIRO-TECH SERVICES

1670

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## 2. SOLID WASTE LOCATION: PIT 1 KANDILE KA PURA TRENCHING YARD/DUMPSITE, BANMORE NAGAR PARISHAD, DISTRICT-MORENA (M. P.)

SR. NO.	PARAMETER	UNIT	RESULT	
			Sample-3	Sample-4
1	pH	-	6.7	6.5
2	Electrical Conductivity	µS/cm	1360	1390
3	Total Organic Carbon	%	8.12	8.25
4	Moisture Content	%	28.9	29.6
5	Gross Calorific Value	Kcal/kg	2880	2790
6	Bulk Density	Kg/m <sup>3</sup>	0.85	0.83
7	Total kjeldhal Nitrogen	Mg/kg	4380	4390
8	C/N Ratio	-	17:03	17:08
<b>Physical Waste Characterization of Municipal Solid Waste</b>				
9	Plastic Waste	%	5.7	6.3
10	Plastic Bags	%	3.56	4.16
11	Paper waste	%	1.5	2.1
12	Glass & Metal Waste	%	3.42	4.02
13	Leather Waste	%	0	0
14	Rubber Waste	%	1.32	1.92
15	Synthesis Waste	%	2.8	3.4
16	Tetra Packs	%	0	0
17	Cloths & Rags	%	7.33	7.93
18	Food Waste	%	10.5	11.1
19	Vegetable Waste/Fish/Mutton	%	25.2	25.8



Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro-Tech Services  
AUTHORIZED SIGNATORY  
Lab In-charge

### Note:-





1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

(A GOVERNMENT APPROVED LAB)

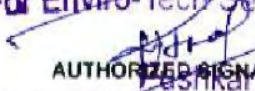
Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



Sr. No	PARAMETER	UNIT	RESULT		
			Sample-3	Sample-4	
20	Horticulture Waste	%	17.2	17.8	
21	Wood Miscellaneous	%	14.53	15.13	
22	Inert Waste	%	3.9	4.5	
23	Natural Soil	%	6.94	7.54	
		 <p>banmor, Madhya Pradesh, India Banmor, Madhya Pradesh 476444, India Lat 20.9891812 / Long 76.010606 Saturday 28 October 2023 10:30:47</p>			
		<p><b>Sampling Date: 28/10/2023</b> <b>Time: 4.28 PM</b></p>		<p><b>Sample 3: Sample Registration Number</b> <b>ETS/589-3/11/2023</b></p>	
		 <p>banmor, Madhya Pradesh, India Banmor, Madhya Pradesh 476444, India Lat 20.9901812 / Long 76.010605 Saturday 28 October 2023 10:30:47</p>			
		<p><b>Sampling Date: 28/10/2023</b> <b>Time: 4.30 PM</b></p>		<p><b>Sample 4: Sample Registration Number</b> <b>ETS/589-4/11/2023</b></p>	



For Enviro-Tech Services  
  
 AUTHORIZED SIGNATORY  
 Pashkar Mittal  
 Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Note:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# ENVIRO-TECH SERVICES

1672

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

### 3. SOLID WASTE LOCATION: PIT 1 KANDILE KA PURA TRENCHING YARD/DUMPSITE, BANMORE NAGAR PARISHAD, DISTRICT-MORENA (M. P.)

SR. NO.	PARAMETER	UNIT	RESULT
Sample-5			
1	pH	-	6.7
2	Electrical Conductivity	$\mu\text{S/cm}$	1366
3	Total Organic Carbon	%	7.60
4	Moisture Content	%	27.6
5	Gross Calorific Value	Kcal/kg	2813
6	Bulk Density	$\text{Kg/m}^3$	0.83
7	Total kjeldhal Nitrogen	Mg/kg	4358
8	C/N Ratio	-	17:06
Physical Waste Characterization of Municipal Solid Waste			
9	Plastic Waste	%	5.4
10	Plastic Bags	%	4.98
11	Paper waste	%	1.05
12	Glass & Metal Waste	%	3.22
13	Leather Waste	%	NA
14	Rubber Waste	%	0.98
15	Synthesis Waste	%	2.37
16	Tetra Packs	%	NA
17	Cloths & Rags	%	7.15
18	Food Waste	%	10.6



Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro-Tech Services

AUTHORIZED SIGNATORY

Lab In-charge

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# ENVIRO-TECH SERVICES

1673

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



Sr. No.	PARAMETER	UNIT	RESULT
			Sample-5
19	Vegetable Waste/Fish/Mutton	%	30.2
20	Horticulture Waste	%	16.9
21	Wood Miscellaneous	%	15.9
22	Inert Waste	%	2.3
23	Natural Soil	%	8.14

Sampling Date: 28/10/2023  
Time: 4.28 PM

Sample 5: Sample Registration Number  
ETS/589-5/11/2023



For Enviro-Tech Services  
*[Signature]*  
AUTHORIZED SIGNATORY  
Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO.: ETS/1921/03/2024

DATE OF REPORT: 27.03.2024

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 19.03.2024  
Analysis Start Date : 20.03.2024  
Analysis End Date : 27.03.2024  
Sample ID No : 1921  
Sampling Done By : ETS STAFF  
Sampling Description : COMPOST  
Sampling Location : ECOSTAN INFRA PVT LTD MUNICIPAL DUMPING GROUND NAGDA  
GINDWANYA, DIST-UJJAIN (M.P), PIN-456224

Sampling Method : ETS/STP/SOIL-01  
Packing Condition : SEALED  
Packed In : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	7.73	CPCB Guideline
2	Potassium (K )	%	0.24	CPCB Guideline
3	Total Nitrogen (N)	%	1.11	CPCB Guideline
4	Zinc,(Zn)	%	5.0	CPCB Guideline
5	Moisture Content	%	23.0	CPCB Guideline
6	Electrical Conductivity (EC)	dS/m	331.0	CPCB Guideline
7	Phosphorus (PO4)	%	1.10	CPCB Guideline
8	Organic Carbon,(OC)	%	23.0	CPCB Guideline
9	Organic Matter	%	30.0	CPCB Guideline
10	Bulk Density	Kg/m <sup>3</sup>	411	CPCB Guideline
11	Ammonical Nitrogen	mg/kg	339	CPCB Guideline
12	Nitrate Nitrogen	%	N.D	CPCB Guideline
13	ASH	%	58.2	CPCB Guideline
14	Porosity	%	30.4	CPCB Guideline

\*\*\*\*\*End of Test Report\*\*\*\*\*



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
MD HUMRAI  
Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

#### Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TC-13009



## TEST REPORT

TEST REPORT NO ETS/1854/02/2024

ULRNO.TC130092400001854F

DATE OF REPORT: 17.02.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Monitoring : 13.02.2024

Analysis Start Date : 14.02.2024

Analysis End Date : 17.02.2024

Duration Of Monitoring : 13.02.2024 To 14.02.2024

Time Of Monitoring : 10:25 AM To 10:25 AM

Sample ID No : 1854

Sampling Done By : ETS STAFF

Sampling Location : ECOSTAN INFRA PVT LTD MUNICIPAL DUMPING GROUND NAGDA  
GINDWANYA, DIST-UJJAIN (M.P), PIN-456224

Sampling Method : ETS/STP/AIR-01

Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL

Weather Condition : CLEAR Ambient Temperature: 14.0 °C

Wind Direction : E To W

Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	78.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	39.6	For 24 Hrs.=60	ETS/STP/AIR-03
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	12.0	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	31.8	For 24 Hrs.=80	IS: 5182 (Partt-6)

\*\*\*\*\*End of Test Report\*\*\*\*\*



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
MD HUMRAJ  
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Note:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/1872/03/2024

DATE OF REPORT: 28.03.2024

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 19.03.2024  
Analysis Start Date : 21.03.2024  
Analysis End Date : 28.03.2024  
Sample ID No : 1872  
Sampling Done By : ETS STAFF  
Sampling Description : INERT  
Sampling Location : ECOSTAN INFRA PVT LTD MUNICIPAL DUMPING GROUND NAGDA  
GINDWANYA, DIST-UJJAIN(M.P) PIN-456224

Sampling Method : ETS/STP/SOIL-01  
Packing Condition : SEALED  
Packed In : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	7.36	CPCB Guideline
2	Potassium (K)	%	0.42	CPCB Guideline
3	Total Nitrogen (N)	%	2.7	CPCB Guideline
4	Zinc.(Zn)	%	7.9	CPCB Guideline
5	Moisture Content	%	28.1	CPCB Guideline
6	Electrical Conductivity (EC)	dS/m	2.15	CPCB Guideline
7	Phosphorus (PO4)	%	1.49	CPCB Guideline
8	Organic Carbon.(OC)	%	15.0	CPCB Guideline
9	Organic Matter	%	29.4	CPCB Guideline
10	Bulk Density	Kg/m3	382	CPCB Guideline
11	Ammonical Nitrogen	mg/kg	278	CPCB Guideline
12	Nitrate Nitrogen	%	N.D	CPCB Guideline
13	ASH	%	43.0	CPCB Guideline
14	Porosity	%	26.1	CPCB Guideline

\*\*\*\*\*End of Test Report\*\*\*\*\*



For Enviro-Tech Services  
*[Signature]*  
AUTHORIZED SIGNATORY  
Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/1873/03/2024

DATE OF REPORT: 28.03.2024

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 19.03.2024  
Analysis Start Date : 21.03.2024  
Analysis End Date : 28.03.2024  
Sample ID No : 1873  
Sampling Done By : ETS STAFF  
Sampling Description : RDF  
Sampling Location : ECOSTAN INFRA PVT LTD MUNICIPAL DUMPING GROUND NAGDA  
GINDWANYA, DIST-UJJAIN(M.P) PIN-456224

Sampling Method : ETS/STP/SOIL-01  
Packing Condition : SEALED  
Packed In : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	Calorific Value	Kcal/kg	2470	CPCB Guideline
2	Sulphur Content	%	0.26	CPCB Guideline
3	Moisture Content	%	7.3	CPCB Guideline
4	ASH Content	%	10.8	CPCB Guideline
5	Nox Content	%	1.5	CPCB Guideline
6	Carbon	%	36.0	CPCB Guideline
7	Oxygen	%	27.2	CPCB Guideline
8	Hydrogen	%	4.5	CPCB Guideline

\*\*\*\*\*End of Test Report\*\*\*\*\*



CHECKED BY  
PURNIMA SINGH

For Enviro-Tech Services

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Lab In-charge

#### Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



# 1678 ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

DATE OF REPORT: 04.03.2024

TEST REPORT NO.: ETS/1006-1/02/2024

### ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
 906 A, 9TH FLOOR I-THUM TOWER A,  
 PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 28.02.2024  
 Analysis Start Date : 28.02.2024  
 Analysis End Date : 04.03.2024  
 Sample ID No : 1006-1  
 Sampling Done By : ETS STAFF  
 Sampling Location : ECOSTAN INFRA PVT LTD MUNICIPAL DUMPING GROUND NAGDA  
 GINDWANYA, DIST-UJJAIN(M.P) PIN-456224

Sampling Weight (In Kg) : 10.47, 11.20, 11.42

S. No.	Test Parameter	Unit	Result			Test Method
1	pH	...	5.4			
2	Bulk Density	Mt/cum	0.98			IS:2386(P-3)-1963
S. No.	Test Parameter	Unit	Result			Test Method
			Sample 1	Sample 2	Sample 3	
3	Biodegraded Fraction	% w/w	18.02%	16.67%	21.49%	On-Site Physical Verification
4	Plastic, Polythene, Tetra Packs Etc	% w/w	2.76%	6.95%	6.05%	
5	Paper and Card Board	% w/w	4.96%	1.52%	2.11%	
6	Horticulture Waste & Wooden Piece	% w/w	1.24%	4.55%	2.11%	
7	Metal	% w/w	0.67%	0.42%	0.51%	
8	Textiles	% w/w	1.43%	5.17%	6.05%	
9	Glass	% w/w	4.96%	1.60%	4.65%	
10	Leather, Rubber Etc	% w/w	5.05%	3.48%	2.19%	
11	Heavy Fractions	% w/w	24.50%	25.23%	23.07%	
12	Coarser Fraction	% w/w	15.54%	12.04%	15.70%	
13	Fine Fractions	% w/w	20.88%	22.38%	16.06%	
	Total		100.0%	100.0%	100.0%	
S. No.	Test Parameter	Unit	Result			
14	Moisture	% w/w	21.51			ASTM D3173-87 (1996)
15	ASH Content	% w/w	28.46			ASTM D3174-97
16	Total Volatile Content (LOI)	% w/w	24.02			ASTM D3175-89a (1997)
17	Total Organic Carbon (TOC)	% w/w	21.08			IS:228 (P-1) :1987
18	Calorific Value	Cal/Kg	878.45			Bomb Calorimeter
19	C/N Ration		15.02			Computation
20	Total Nitrogen	Mg/kg	1.86			ASTM D 3179-89(1997)
21	Total Phosphates (P2O5)	% w/w	2.04			IS:228 (P-3) :1987
22	Total Potassium (K2o )	% w/w	1.67			USEPA 6010C :2007

\*\*\*\*\*End of Test Report\*\*\*\*\*



ENVIRO-TECH SERVICES  
 AUTHORIZED SIGNATORY  
 Quality Manager

Note: Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TC-13009



## TEST REPORT

TEST REPORT NO ETS/1855/02/2024

ULRNO.TC130092400001855F

DATE OF REPORT: 17.02.2024

### WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/S ECOSTAN INFRA PVT.LTD  
906 A, 9TH FLOOR I-THUM TOWER A,  
PLOT A 40, SECTOR-62, NOIDA

Date of Sampling : 13.02.2024  
Analysis Start Date : 14.02.2024  
Analysis End Date : 17.02.2024  
Sample ID No : 1855  
Sampling Done By : ETS STAFF  
Sampling Description : GROUND WATER  
Sampling Location : FROM BOREWELL(ECOSTAN INFRA PVT LTD MUNICIPAL DUMPING  
GROUND NAGDA GINDWANYA, DIST-UJJAIN (M.P), PIN-456224)  
Sampling Method : ETS/STP/WATER-02  
Sample Quantity : 2.0 + 0.5 Ltr  
Packing Condition : SEALED  
Packed In : P.V.C. AND GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
1	Temperature	°C	24.0	Not Specified	Not Specified	APHA 2550-B
2	Colour	Hazen	<5.0	5	15	APHA 2120-B
3	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
4	pH	...	7.35	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
6	Turbidity	NTU	<1.0	1	5	APHA 2130-B
7	Total Dissolved Solids,(TDS)	mg/L	397.0	500	2000	APHA 2540-C
8	Total Alkalinity,(CaCO3)	mg/L	153.0	200	600	APHA 2320-B
9	Total Hardness,(CaCO3)	mg/L	182.0	200	600	APHA 2340-C
10	Chloride,(Cl)	mg/L	49.0	250	1000	APHA 4500:(Cl-) -B
11	Calcium,(Ca)	mg/L	40.0	75	200	APHA 3500:(Ca)-B
12	Sulphate,(SO4)	mg/L	26.4	200	400	APHA 4500:(SO4)-E
13	Nitrate,(NO3 )	mg/L	1.17	45	No Relaxation	APHA 4500:(NO3-) -B
14	Fluoride,(F)	mg/L	0.14	1	1.5	APHA 4500:(F-) -D
15	Chlorine (Residual)	mg/L	<0.1	0.2	1	APHA 4500:(Cl)-B
16	Conductivity	µs/cm	583.0	Not Specified	Not Specified	APHA 2510-B

CHECKED BY  
SHRADDHA GUPTA  
ETS-LAB

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY



Note:- Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO

ETS/1855/02/2024

DATE OF REPORT: 17.02.2024

### WATER SAMPLE ANALYSIS REPORT

**HEAVY METALS:-**

17	Iron,(Fe)	mg/L	0.20	1	No Relaxation	APHA-3120B
18	Chromium,(Cr <sup>6+</sup> )	mg/L	<0.01	Not Specified	Not Specified	APHA 3500:(Cr)-B
19	Lead,(Pb)	mg/L	<0.01	0.01	No Relaxation	APHA-3120B
20	Aluminium,(Al)	mg/L	<0.01	0.03	0.2	APHA-3120B
21	Cadmium,(Cd)	mg/L	<0.001	0.003	No Relaxation	APHA 3120B
22	Arsenic,(As)	mg/L	<0.01	0.01	0.05	APHA 3120B
23	Barium,(Ba)	mg/L	<0.01	0.7	No Relaxation	APHA 3120B
24	Cobalt,(Co)	mg/L	<0.01	Not Specified	Not Specified	APHA 3120B
25	Copper,(Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
26	Manganese,(Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
27	Potassium,(K)	mg/L	7.0	Not Specified	Not Specified	APHA-3120B
28	Sodium,(Na)	mg/L	10.0	Not Specified	Not Specified	APHA-3120B
29	Nickel,(Ni)	mg/L	<0.01	0.02	No Relaxation	APHA-3120B
30	Zinc,(Zn)	mg/L	0.48	5	15	APHA-3120B

**MICROBIOLOGICAL PARAMETER;**

31	Faceal Coliform	Per 100mL	Absent	Shall Not Be Detectable	IS15186
32	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable	IS15185

\*\*\*\*\*End of Test Report\*\*\*\*\*



CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY

Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Note:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



## TEST REPORT

Page 1 of 1

Sample Submitted By	Trenching Ground, Mehidpur Mehidpur Municipal Council, Dist. Ujjain- (M.P.)			Report No. I202311200016	
Ref.No	Sample Submitted By : Shri Balram Industries				
Date of Receipt	20/11/2023				
Sample	BIO SOIL	Date of Completion	23/11/2023		
Mfg. By	N.S	Date of Release	23/11/2023		
Lic. No.	N.S				
Batch No.	N.S	Mfg.Date	N.S	Sample Qty.	1 KG APPROX
Sample Pck.	Polythene pack	Exp.Date	N.S	Protocol	Ref. FCO 2009

S.No.	Parametrs	Result	Specification
i	Moisture	16.10%w/w	Lt.15.0 to 25.0%
ii	Colour	Dark brown	Dark brown to black
iii	Particle Size	98.0%w/w	Min. 90.0% Material should pass through 4.0 mm IS Sive
iv	Bulk Density (g/cm <sup>3</sup> )	0.9602	<1.0
v	Total Organic Carbon, (% by weight)	12.44%	Lt. Min. 12.0%
vi	Total Nitrogen (as N) (% by weight)	2.20%	Lt. Min. 0.8%
vii	Total Phosphate (as P <sub>2</sub> O <sub>5</sub> ) (% by weight)	1.56%	Lt. Min. 0.4%
viii	Total Potash (as K <sub>2</sub> O) (% by weight)	2.82%	Lt. Min. 0.4%
ix	C : N Ratio	5.65 : 1	Lt. <20.0
x	pH	7.45	Lt. 6.5 to 7.5
xi	Conductivity (as dsm <sup>-1</sup> )	3.35	Lt. NMT 4.0

Remark : 1. The test report issued subject to the terms & condition mentioned overleaf.

\*\*\*END OF REPORT\*\*\*

Checked By

Authorised signatory



# KRISHNA DIGITAL MATERIAL TESTING LABORATORY LLP

ANALYTICAL & RESEARCH LAB.  
AN NABL ACCREDITED LAB.



## TEST REPORT

(This Test Report is not valid without hologram)



TC-7016

Date : 03.06.2024 ULR No : TC701624000003216F

Sample ID No. : KDMTL/2405310001

Name of Client/Department : The Commissioner Nagar Nigam Gwalior M.P

Letter Ref. No. : DAYA/SS/2024-25/130 Dated : 29.05.2024

Name of Site : Legacy Waste Sample at Gwalior Khedarpur Dumpsite.

Name of Agency/Contractor : M/s Daya Charan and Company in joint venture with shri Bankey Udyog

Type of Material : Waste Solid (Lagacy Waste)

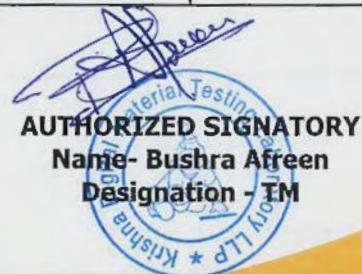
Date of Sample Received : 31.05.2024

Date of Sample Testing : 31.05.2024 to 03.06.2024

### Chemical Properties

S. No.	Particular	Method of Test	Test Value	Requirements
1	pH Value	IS: 16556 : 2016	7.28	6.5 - 7.5
2	Moisture	IS: 16556 : 2016	19.43%	25 Max.
3	Total Organic Carbon	IS: 16556 : 2016	23.17%	14% Min.
4	Total Nitrogen	IS: 16556 : 2016	1.24%	0.8% Min.
5	Total Phosphate	IS: 16556 : 2016	0.78%	0.4% Min.
6	Total Potassium	IS: 16556 : 2016	0.96%	0.4% Min.
7	Bulk Density	IS: 16556 : 2016	0.85 g/cm <sup>3</sup>	1.00 Max.

#### Remarks:



\*\*\*\*End Report\*\*\*\*

#### Note :

- Results relate only to the sample (s) under test in as received condition and applicable parameter (s).
- This test report shall not be reproduced wholly or in part and can not be used as and evidence in the court of law without written approval of M/s Krishna Digital Material Testing Laboratory, Bhopal.
- The sample will be stored upto three month from the date of issue of test report unless otherwise specified.



# SHRI OM TESTING & RESEARCH LABORATORY 1683 104

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

GSTIN : 09ADHFS2444J1ZS

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST REPORT

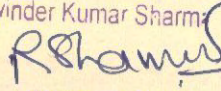
Report No. : STRL- 18032025013

12	Organic matter	1.20	%	STRL/STP/SOIL/01
13	Calcium	745.8	mg/kg	APHA 22 <sup>nd</sup> End 2012 (3120.B)
14	Exchangable Magnesium (as Mg)	239.3	mg/kg	USEPA3050B/3051/3052
15	Cation Exchange Capacity	3.64	meq/100gm	IS: 2720 (P26)1987
16	Water Holding Capacity	40.6	%	STRL/SOP /SOIL/01
17	Porosity	74.4	%	STRL /STP/SOIL/01
18.	Exchangable Sodium	180	mg/kg	STRL/SOP/S/02
19	Absorption ratio	0.44	%	STRL/SOP/S/08
20	Silt	52	%	IS: 2720 (P-4)1985
21	Clay	24	%	IS: 2720 (P-4)1985
22	Sand	24	%	IS: 2720 (P-4)1985
23	Zinc	3.21	mg/kg	STRL/SOP /SOIL/01
24	Iron	0.84	mg/kg	ICP-OES
25	Magnesium (as Mg)	264.1	mg/kg	USEPA3050B/3051/3052
26	Nickel	0.23	mg/kg	ICP-OES
27	Lead	0.72	mg/kg	ICP-OES
28	Chromium	0.43	mg/kg	ICP-OES
29	Copper	0.08	mg/kg	ICP-OES
30	Texture	Sandy Loam	....	IS: 2720 (P-4)1985

Note: - Soil it is fit for disposal.

**\*\*End of Report\*\***

Page (02 of 02)

Shri Om Testing & Research Laboratory  
Ravinder Kumar Sharma  
  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1. The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2. This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3. This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

4. The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.



# SHRI OM TESTING & RESEARCH LABORATORY 1684 105

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

GSTIN : 09ADHFS2444J1ZS

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST REPORT

Report No : STRL-30122024015

Issue Date : 30.12.2024

Issue to : M/S Ecogateway Pvt. Ltd.  
Gangotri Nagar, Prayagraj (U.P)

Sample Description: Soil

### RESULTS

(Soil Quality Analysis)

#### SAMPLING DETAILS

Date of Sampling : 24.12.2024  
Location : Jhabua Dumpsite  
Sampling Protocol : STRL/STP/SOIL/01  
Sample Quantity : 1000 gm  
Sample Packing : Zip Polybag  
Analysis Duration : 24.12.2024 to 30.12.2024

S.No.	Parameters	Results	Units	Protocols
01	Soil colour	Brown	brown red to black	IS: 2720 (part-4), 1985 (Reaff:2015)
02	pH	8.84	--	IS:2720 (Part-26), 1987
03	Bulk Density	1.27	g/cc	STRL/SOP/S/07
04	Organic Carbon	0.36	%	STRL/SOP/S/08
05	Electrical Conductivity	864	µmhos/cm	IS: 2720 (P-21)
06	Moisture Content	11.3	%	STRL /STP/SOIL/01
07	Exchangable Potassium	199	mg/kg	STRL/SOP/S/01
08	Chloride	0.38	%	STRL/SOP/S/01
09	Nitrogen	0.96	%	STRL/SOP /SOIL/01
10	Phosphorous	26.6	mg/kg	STRL/SOP/S/05
11	C:N Ratio	0.375	--	ASTM D 5373 guidelines (by Calculation)

Page (01 of 02)

Shri Om Testing & Research Laboratory  
Ravinder Kumar Sharma

*Ravinder Kumar Sharma*  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)



# SHRI OM TESTING & RESEARCH LABORATORY 1685 106

Plot No. 296, 1st FNG Road, Sector-121, Ghari Chaukhandi, Noida - 201301

Mob. : 9821154906, 8076937396

E-mail. : shriomlab@gmail.com, Web. : www.shriomlab.com, www.shriomlab.in

GSTIN : 09ADHFS2444J1ZS

**N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.**

## TEST REPORT

Report No. : STRL-30122024015

12	Organic matter	1.29	%	STRL/STP/SOIL/01
13	Calcium	763.6	mg/kg	APHA 22 <sup>nd</sup> End 2012 (3120.B)
14	Exchangable Magnesium (as Mg)	266.3	mg/kg	USEPA3050B/3051/3052
15	Cation Exchange Capacity	3.64	meq/100gm	IS: 2720 (P26)1987
16	Water Holding Capacity	40.6	%	STRL/SOP /SOIL/01
17	Porosity	77.2	%	STRL /STP/SOIL/01
18.	Exchangable Sodium	179	mg/kg	STRL/SOP/S/02
19	Absorption ratio	0.40	%	STRL/SOP/S/08
20	Silt	57	%	IS: 2720 (P-4)1985
21	Clay	27	%	IS: 2720 (P-4)1985
22	Sand	16	%	IS: 2720 (P-4)1985
23	Zinc	3.23	mg/kg	STRL/SOP /SOIL/01
24	Iron	0.87	mg/kg	ICP-OES
25	Magnesium (as Mg)	264.1	mg/kg	USEPA3050B/3051/3052
26	Nickel	0.23	mg/kg	ICP-OES
27	Lead	0.76	mg/kg	ICP-OES
28	Chromium	0.456	mg/kg	ICP-OES
29	Copper	0.087	mg/kg	ICP-OES
30	Texture	Sandy Loam	....	IS: 2720 (P-4)1985

Note: - Soil it is fit for disposal.

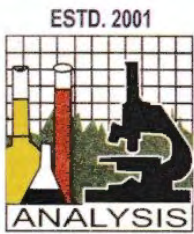
**\*\*End of Report\*\***

Page (02 of 02)

Shri Om Testing & Research Laboratory  
Ravinder Kumar Sharma

*R Sharma*  
Technical Manager

Authorised Signatory  
(Name, Designation & Signature with Seal)



# ANALYSIS<sup>1686</sup>



ACCREDITED  
Management Systems  
Certification Body  
MSCB-174



## INDUSTRIAL RESEARCH & QUALITY CONTROL LABS

D-1043/L.I.G., BEHIND WELFARE HOSPITAL, KALINDI VIHAR, FIROZABAD ROAD, AGRA -282006

Website :- [analysislabs.business.site](http://analysislabs.business.site), E-mail:- [analysislabs@gmail.com](mailto:analysislabs@gmail.com), Mob:- 8057166366, 8279928580

**AN ISO 9001:2015, ISO 14001:2015 CERTIFIED & GOVT. APPROVED LAB.**

### TEST-REPORT

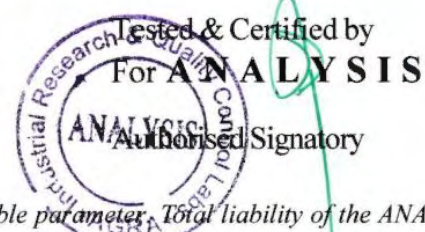
#### Solid Waste Characterization

Ref. No. – ANALY./254/1407/02/25

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		Report Issue Date		
M/s Environmental Techno		-----		10/02/2025		
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample Location	Sample Submitted By
Solid Waste Sample	ANALY/2025/JAN/097 ANALY/2025/JAN/098 ANALY/2025/JAN/099 ANALY/2025/JAN/100	30/01/2025	3.5 KG Approx.	Poly Bag	Shivpuri (M.P.)	Client
Analysis Start Date		04/02/2025	Analysis End Date		10/02/2025	

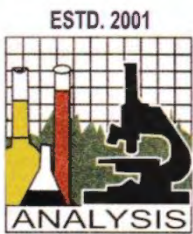
#### Test Details: - Solid Waste Location – Shivpuri (M.P.)

S. No.	Test Parameter	Unit	Result			
			Sample-1 ANALY/2025/JA N/097	Sample-1 ANALY/2025/JA N/097	Sample-1 ANALY/2025/JA N/097	Sample-1 ANALY/2025/JA N/097
1.	pH	----	6.8	6.7	6.6	6.7
2.	Electrical Conductivity	µs/cm	1356	1362	1355	1361
3.	Total Organic Carbon	%	8.3	8.0	8.2	8.0
4.	Moisture Content	%	26.4	28.1	27.07	27.11
5.	Gross Calorific Value	Kcal/kg	2066	2079	2071	2078
6.	Bulk Density	Mt/cum	0.89	0.85	0.91	0.86
7.	Total Kjeldhal Nitrogen	Mg/kg	4213	4219	4208	4212
8.	C/N Ratio	-	17:02	17:01	17.03	17.05
<b>Physical Waste Characterization of Municipal Solid Waste</b>						
9.	Plastic Waste	%	0.9	1.1	1.0	1.1
10.	Plastic Bags	%	1.2	1.0	1.3	1.2
11.	Paper Waste	%	2.0	2.2	2.1	2.0
12.	Glass & Metal Waste	%	2.3	2.0	2.0	2.1
13.	Leather Waste	%	0	0	0	0
14.	Rubber Waste	%	1.6	1.3	1.4	1.2
15.	Synthesis Waste	%	2.1	2.0	1.9	2.1
16.	Tetra Packs	%	0	0	0	0
17.	Cloths & Rags	%	3	2.8	2.9	2.7
18.	Food Waste	%	2.5	2.1	2.3	2.5
19.	Vegetable Waste	%	1.7	1.3	1.8	1.6



**Note :-** 1. Test Results listed refer only to the sample and applicable parameter. Total liability of the ANALYSIS is limited to the invoiced amount only. 2. This is not to be reproduced wholly or in part and can not be used as an evidence in the court of law.

**TESTING & CERTIFICATION TO GLOBAL STANDARDS & SPECIFICATIONS**



# ANALYSIS

1687<sup>®</sup>

IAS

ACCREDITED  
Management Systems  
Certification Body  
MSCR-174







## INDUSTRIAL RESEARCH & QUALITY CONTROL LABS

D-1043/L.I.G., BEHIND WELFARE HOSPITAL, KALINDI VIHAR, FIROZABAD ROAD, AGRA -282006

Website :- [analysislabs.business.site](http://analysislabs.business.site), E-mail:- [analysislabs@gmail.com](mailto:analysislabs@gmail.com), Mob:- 8057166366, 8279928580

**AN ISO 9001:2015, ISO 14001:2015 CERTIFIED & GOVT. APPROVED LAB.**

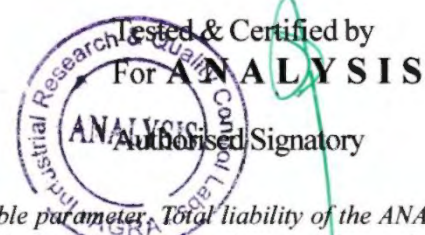
20.	Horticulture Waste	%	2.0	2.1	1.9	1.7
21.	Wood Miscellaneous	%	3.8	3.3	3.6	3.4
22.	Inert Waste	%	18.1	13.8	17.4	17.6
23.	Natural Soil	%	63.6	63.2	63.3	63.4
						

### Test Details: - Solid Waste Location – Shivpuri (M.P.)

S. No.	Test Parameter	Unit	Average
1.	pH	----	6.7
2.	Electrical Conductivity	µs/cm	1358.5
3.	Total Organic Carbon	%	8.125
4.	Moisture Content	%	27.17
5.	Gross Calorific Value	Kcal/kg	2073.5
6.	Bulk Density	Mt/cum	0.87
7.	Total Kjeldhal Nitrogen	Mg/kg	4213
8.	C/N Ratio	-	17:02
Physical Waste Characterization of Municipal Solid Waste			
9.	Plastic Waste	%	1.025
10.	Plastic Bags	%	1.175
11.	Paper Waste	%	2.075
12.	Glass & Metal Waste	%	2.1
13.	Leather Waste	%	0.00
14.	Rubber Waste	%	1.375
15.	Synthesis Waste	%	2.025
16.	Tetra Packs	%	0.00
17.	Cloths & Rags	%	2.85
18.	Food Waste	%	2.35
19.	Vegetable Waste	%	1.6
20.	Horticulture Waste	%	1.925
21.	Wood Miscellaneous	%	3.525
22.	Inert Waste	%	16.725
23.	Natural Soil	%	63.375

\*\*\*\*\*

END OF REPORT



**Note :-** 1. Test Results listed refer only to the sample and applicable parameter. Total liability of the ANALYSIS is limited to the invoiced amount only. 2. This is not to be reproduced wholly or in part and can not be used as an evidence in the court of law.

**TESTING & CERTIFICATION TO GLOBAL STANDARDS & SPECIFICATIONS**



**RELIABLE  
ANALYTICAL  
LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)  
8103898979, 9907136827  
ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

**TEST-REPORT**  
**Solid Waste Characterization**

Format No. RAL/F-40A

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		Report Issue Date		
M/S. SR MAP Technologies, Gwalior.		-----		04/05/2024		
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample location	Sample Submitted By
Solid Waste Sample	RAL/2024/APR/096 RAL/2024/APR/097 RAL/2024/APR/098 RAL/2024/APR/099	28/04/2024	3.5 Kg Approx.	Poly Bag	Lahar, Bhind (M.P.)	Client
Analysis Start Date		30/04/2024		Analysis End Date		04/05/2024

**Test Details: -Solid Waste Location Lahar Bhind, (M.P.)**

S.NO.	Test Parameter	Unit	Result	
			Sample-1 RAL/2024/APR/096	Sample-2 RAL/2024/APR/097
1.	pH	---	6.8	6.7
2.	Electrical Conductivity	µs/cm	1356	1362
3.	Total Organic Carbon	%	8.3	8.0
4.	Moisture Content	%	26.4	28.1
5.	Gross Calorific Value	Kcal/kg	2066	2079
6.	Bulk Density	Kg/m <sup>3</sup>	1.12	1.13
7.	Total kjeldhal Nitrogen	Mg/kg	4213	4219
8.	C/N Ratio	-	17:02	17:01
<b>Physical Waste Characterization of Municipal Solid Waste</b>				
9.	Plastic Waste	%	0.9	1.1
10.	Plastic Bags	%	1.2	1.0
11.	Paper waste	%	2.0	2.2
12.	Glass & Metal Waste	%	2.3	2.0

SR Map Technologies

*[Signature]*  
Partner

*[Signature]*  
Checked by





**RELIABLE  
ANALYTICAL  
LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)  
8103898979, 9907136827  
ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

13.	Leather Waste	%	0	0
14.	Rubber Waste	%	1.6	1.3
15.	Synthesis Waste	%	2.1	2.0
16.	Tetra Packs	%	0	0
17.	Cloths & Rags	%	3	2.8
18.	Food Waste	%	2.5	2.1
19.	Vegetable Waste	%	1.7	1.3
20.	Horticulture Waste	%	2.0	2.1
21.	Wood Miscellaneous	%	3.8	3.3
22.	Inert Waste	%	18.1	13.8
23.	Natural Soil	%	63.6	63.2



SRMap Technologies

*[Handwritten Signature]*  
Partner

*[Handwritten Signature]*  
Checked by



Authorized Signatory



**RELIABLE  
ANALYTICAL  
LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)

8103898979, 9907136827

ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

Test Details:-Solid Waste Location Lahar, Bhind (M.P.)

S.NO.	Test Parameter	Unit	Result	
			Sample-3 RAL/2024/APR/098	Sample-4 RAL/2024/APR/099
1.	pH	----	6.6	6.7
2.	Electrical Conductivity	µs/cm	1355	1361
3.	Total Organic Carbon	%	8.2	8.0
4.	Moisture Content	%	27.07	27.11
5.	Gross Calorific Value	Kcal/kg	2071	2078
6.	Bulk Density	Kg/m <sup>3</sup>	1.11	1.10
7.	Total kjeldhal Nitrogen	Mg/kg	4208	4212
8.	C/N Ratio	-	17.03	17.05
<b>Solid Waste Characterization of Municipal Solid Waste</b>				
9.	Plastic Waste	%	1.0	1.1
10.	Plastic Bags	%	1.3	1.2
11.	Paper waste	%	2.1	2.0
12.	Glass & Metal Waste	%	2.0	2.1
13.	Leather Waste	%	0	0
14.	Rubber Waste	%	1.4	1.2
15.	Synthesis Waste	%	1.9	2.1
16.	Tetra Packs	%	0	0
17.	Cloths & Rags	%	2.9	2.7
18.	Food Waste	%	2.3	2.5
19.	Vegetable Waste	%	1.8	1.6
20.	Horticulture Waste	%	1.9	1.7
21.	Wood Miscellaneous	%	3.6	3.4

SR-Map Technologies

Partner

Checked by



Authorized Signatory




**RELIABLE ANALYTICAL LAB**


15, Paricharika Nagar, Indore - 452 001 (M.P.)  
 8103898979, 9907136827  
 ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

22.	Inert Waste	%	17.4	17.6
23.	Natural Soil	%	63.3	63.4



GPS Map Camera  
 28.181623°  
 75.860943°  
 28/04/2018 12:44 PM GMT +05:30



GPS Map Camera  
 28.181623°  
 75.860943°  
 28/04/2018 12:44 PM GMT +05:30

**Test Details:-Solid Waste Location Lahar, Bhind (M.P.)**

S.No.	Test Parameter	Unit	Average
1.	pH	---	6.7
2.	Electrical Conductivity	µs/cm	1358.5
3.	Total Organic Carbon	%	8.125
4.	Moisture Content	%	27.17
5.	Gross Calorific Value	Kcal/kg	2073.5
6.	Bulk Density	Kg/m <sup>3</sup>	1.115
7.	Total kjeldhal Nitrogen	Mg/kg	4213
8.	C/N Ratio	-	17.02

**Physical Waste Characterization of Municipal Solid Waste**

9.	Plastic Waste	%	1.025
10.	Plastic Bags	%	1.175

*Soni*  
 Checked by

SR Map Technologies  
 Partner



Authorized Signatory



**RELIABLE  
ANALYTICAL  
LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)  
8103898979, 9907136827  
ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

11.	Paper waste	%	2.075
12.	Glass & Metal Waste	%	2.1
13.	Leather Waste	%	0.00
14.	Rubber Waste	%	1.375
15.	Synthesis Waste	%	2.025
16.	Tetra Packs	%	0.00
17.	Cloths & Rags	%	2.85
18.	Food Waste	%	2.35
19.	Vegetable Waste	%	1.6
20.	Horticulture Waste	%	1.925
21.	Wood Miscellaneous	%	3.525
22.	Inert Waste	%	16.725
23.	Natural Soil	%	63.375

**Note:**

1. The results are related only to the sample tested
2. The legal liabilities limited up to the analytical charges only .
3. This report **shall** not be reproduced without the written approval of RAL.
4. This Report in full or in part shall not be used for advertising or as evidence in any court of Law.
5. NABL Accredited Lab (ISO IEC 2017) Validity 30.05.2025  
\*\*\*\*\*

END OF REPORT

SRMap Technologies

*[Handwritten Signature]*  
Partner

*[Handwritten Signature]*  
Checked by



# SOIL TEST REPORT

1693

114



RELIABLE  
ANALYTICAL  
LAB

15, Paricharika Nagar, Indore - 452 001 (M.P.)  
8103898979, 9907136827  
ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

## TEST REPORT

Format No. RAL/F-40

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		CoA No.		CoA Issue Date	
M/S. SR MAP Technologies, Gwalior.		-----		RAL/2024/APR/086		04/05/2024	
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample location	Sample Submitted By	
Soil Sample	RAL/2024/APR/086	28/04/2024	2.5 Kg Approx.	Poly Bag	Lahar Bhind (M.P.)	Client	
Analysis Start Date		29/04/2024		Analysis End Date		04/05/2024	

### Test Details :-

S.NO.	Test Parameter	Unit	Result	Method of Analysis
1.	Texture	---	Sandy Clay Loam	IS: 2720 : Part-4
2.	Sand	%	36.2	IS: 2720 : Part-4
3.	Silt	%	19.6	IS: 2720 : Part-4
4.	Clay	%	11.2	IS: 2720 : Part-4
5.	pH	--	6.89	IS:2720 : Part-26 :1987
6.	Moisture Content	%	7.4	IS:4332 : Part-2
7.	Electrical Conductivity	µs/cm	389.4	IS:14767:2000
8.	Potassium as K	mg/kg	265.7	EPA3050 B/APHA23rd Edition 3111B :2017
9.	Phosphorous as P	mg/kg	33.8	EPA3050 B/APHA23rd Edition 3111B :2017
10.	Total Nitrogen	mg/kg	195.2	IS:14684:1999
11.	Sodium as (Na)	mg/kg	136.9	EPA3050 B/APHA23rd Edition 3111B :2017
12.	Total Organic Matter	%	1.52	IS 2720 : Part 22 : 1972
13.	Magnesium Level.	mg/kg	288.1	IS 2720 : Part 24 : 1976
14.	Bulk Density	gm/cc	1.60	IS 2720 : Part 28 : 1974
15.	Porosity	%	29.7	IS 13030
16.	Calcium (Ca)	mg/kg	1188.8	IS 2720 : Part 23 : 1973
17.	Water Holding Capacity (WHC)	%	38.7	IS 2720 : Part 2

**Note:**

1. The results are related only to the sample tested.
2. The legal liabilities limited up to the analytical charges only.
3. This report shall not be reproduced without the written approval of RAL.
4. This Report in full or in part shall not be used for advertising or as evidence in any court of Law
5. NABL Accredited Lab (ISO IEC 2017) Validity 30.05.2025

\*\*\*\*\*

END OF REPORT

SR Map Technologies

Partner

Sauri

Checked by



Authorized Signatory



**RELIABLE ANALYTICAL LAB**

15, Paricharika Nagar, Indore - 452 001 (M.P.)  
 8103898979, 9907136827  
 ral2021indore@gmail.com

An ISO 9001:2015 CERTIFIED LAB

TEST REPORT

Format No. RAL/F-40

Name & Address of Company/Customer		Work Order No./ Reference No. of Letter		CoA No.	CoA Issue Date	
M/S. SR MAP Technologies, Gwalior.		---		RAL/2024/APR/086	04/07/2024	
Sample Name	Sample ID	Date of Receipt	Sample Quantity	Packing	Sample location	Sample Submitted By
Soil Sample	RAL/2024/APR/086	27/04/2024	2.5 Kg Approx.	Poly Bag	Lahar, Bhind (M.P.)	Client
Analysis Start Date	27/04/2024	Analysis End Date		01/05/2024		

Test Details :-

S.NO.	Test Parameter	Unit	Result
<b>Proximate Analysis</b>			
1.	Moisture Content	%	19.2
2.	Ash Content	%	14.8
3.	S	%	0.18
4.	Cl	%	1.0
<b>Ultimate Analysis</b>			
5.	Gross Calorific Value (OBD)	Kcal/kg	4366.2
6.	Gross Calorific Value (ARB)	Kcal/kg	4052.8

Note:

1. The results are related only to the sample tested.
2. The legal liabilities limited up to the analytical charges only.
3. This report shall not be reproduced without the written approval of RAL.
4. This Report in full or in part shall not be used for advertising or as evidence in any court of Law
5. NABL Accredited Lab (ISO IEC 2017) Validity 30.05.2025

\*\*\*\*\*

END OF REPORT

SR Map Technologies  
  
 Partner

Checked by



Authorized Signatory



# RKCT LABORATORY PVT. LTD.

AN ISO: 9001-2015 CERTIFIED & ISO/IEC: 17025-2017 ACCREDITED TESTING LABORATORY  
(MECHANICAL TESTING, ELECTRICAL TESTING, CHEMICAL TESTING, FOOD TESTING,  
BUILDING MATERIAL TESTING, WATER TESTING, NON DESTRUCTIVE TESTING)

Address : 316/3, Raigwa, Patan Bypass Road, Jabalpur, M.P., 482002

Email : Info@rkcc.in, rkctlaboratory@gmail.com , Web : www.rkcc.in

Contact : Toll Free No : 18002338844, 7828205137 (O)

## Test Report

Report No.:- RKCT/2024/12/0609-2175	Description of Sample:- Legacy Waste
Agreement No. :-NA	Condition of Sample when received: Ok
Reference No. :- No/LO.NI.SHA/NA.PA.P/2024,Waraseoni Date- 25/12/2024	Packing When Received: -4 Bag
Name of Client/Department :-CHIEF MUNICIPAL OFFICER, NAGAR PALIKA PARISHAD WARASEONI DISTRICT-BALAGHAT (M.P)	Quantity when received: - 200kg
	Temperature:- 27.2°C   Humidity: 57%
	Date of Sample Received:- 24.12.2024
	Date of Test Start:- 24.12.2024
Project name & location:- Testing of Inert Waste Sample Generated from Legacy Waste at Waraseoni District-Balaghat (M.P)	Date of test Completion:- 26.12.2024
	Date of Report Issue:- 26.12.2024

### TEST RESULTS OF SOLIDS WASTE SAMPLE ARE REPORTED AS BELOW

S. No.	Name Of Test	Units of Measurement	Test Result	Limit	Test Method
1.	PH Value	-	7.36	6.5-9.5	IS:10158 :RA 2019
2.	Moisture	%	24.18	Max 15.0-25.0	IS:10158 :RA 2019
3.	Total Organic Carbon	%	27.14	Minimum 12.0	IS:10158 :RA 2019
4.	Total Nitrogen	%	1.12	Minimum 0.8	IS:10158 :RA 2019
5.	Total Phosphate	%	0.72	Minimum 0.4	IS:10158 :RA 2019
6.	Total Potassium	%	0.51	Minimum0.4	IS:10158 :RA 2019
7.	Ash	%	26.44	-	IS:10158 :RA 2019
8.	Calorific Value	Kcal/kg	1249	-	IS:10158 :RA 2019

**Disclaimer:**

1. Laboratory is not responsible for the information supplied by the customer.
2. Test results only valid for sample tested.
3. This report is not valid for judicial purpose.
4. This report cannot be reproduced except in full without written approval from the laboratory.



S. No.	Particle Size and Composition analysis(%)	Weight Of Waste (kg)	Units of Measurement	Test Result
1.	Plastic	3.51	-	2.0
2.	Paper	-	%	Nil
3.	Cardboard	2.10	%	1.2
4.	Tharmocol	-	%	Nil
5.	Glass	1.40	%	0.8
6.	Metals	1.05	%	0.6
7.	Rubbers & Synthesis	-	%	Nil
8.	Cloth& Rags	0.70	%	0.4
9.	Sand & Silt	98.45	%	56
10.	Stone	14.31	%	8.14
11.	Brick	-	%	Nil
12.	Horticulture Waste/Wood	-	%	Nil
13.	Leather	-	%	Nil
14.	Decomposed/inert Waste	54.25	%	30.86
15.	Total	175.77	%	100

*Asoni*  
Reviewed By



*[Signature]*  
Authorized Signatory  
Name: Ravindra Kumar  
Designation: MD/QM



# Annexure 4

## Detail of STP's abstract in the State

Annexure-4

31.05.2025

<b>Detail of STP's in the state of M.P.</b>		
<b>Stage of STP's</b>	<b>No. of STP's</b>	<b>Capacity of STP (MLD)</b>
Operational STP's	78	1539.85
Under Construction	131	643.00
Proposed	217	815.46
<b>Grand Total</b>	<b>426</b>	<b>2998.31</b>

## Annexure 5

Details of operational and  
under construction and  
Proposed STP's in State

Details of Operational STPs in the State (31.05.2025)					Annexure -5
S. No.	Location	Existing STP Capacity (MLD)	Average Capacity Being Utilized (MLD)	Reuse (MLD)	Operational Status of STP
1	Bhopal (M Corp.) - Maholi Damkheda (Bhojwet Land)	35	29.00	10.00	AMRUT, Operational 2019
2	Bhopal (M Corp.) - Bawariya Kalan	13.56	13.00	11.00	Operational
3	Bhopal (M Corp.) - Mata Mandir	4.51	4.50	0.50	Operational
4	Bhopal (BHEL)	4.5	4.50	1.50	Operational
5	Bhopal (M Corp.) - Badwai	16.67	16.67	2.00	Operational
6	Bhopal (M Corp.) - Gondarmau	2.36	2.34	1.00	Operational
7	Bhopal (M Corp.) - Kotra	10	10.00	2.00	Operational
8	Bhopal (M Corp.) - Ekant Park	8	4.50	0.90	Operational
9	Burhanpur (M Corp.)	4.5	2.30	0.46	Operational
10	Indore (M Corp.) - Kabit Khedi	12	7.96	1.59	Operational
11	Indore (M Corp.) - Kabit Khedi	245	211.08	78.00	Operational
12	Indore (M Corp.) - Kabit Khedi	78	68.01	13.60	Operational
13	Dewas (M Corp.) - Balawali	12	2.32	0.70	Operational
14	Jabalpur (M Corp.) - Kathonda	50	0.00	0.00	Unoperational and sewage is diverted to 32 MLD STP at Khatonda
15	Jabalpur (M Corp.) - Gwarighat	0.55	0.24	0.10	Operational
16	Jabalpur (M Corp.) - Gulauatal	0.5	0.17	0.10	Operational
17	Sehore (M) - Junia Wada	12	6.00	1.20	AMRUT, Operational 2018
18	Singrauli (NTPC)	28.22	15.40	3.08	NTPC, Operational
19	Ujjain (M Corp.)	83	78.00	40.00	Operational
20	Indore (M Corp.) - Hukma Khedi (Indore-1)	7	5.73	3.67	AMRUT, Operational Dec 2020
21	Indore (M Corp.) - Prateek Setu (Indore-1)	8	6.80	3.28	AMRUT, Operational Dec 2020
22	Bhopal (M Corp.) - Shirin River (Kohefiza) (Bhojwetland)	5	5	1.00	AMRUT, Operational Dec 2020
23	Dewas (M Corp.) - Nanda Nagar, Mendki	14	3.54	1.24	UIDSSMT, Operational Dec 2020
24	Gwalior (M Corp.) - Jalalpur (Lashkar)	145	80.81	60.00	AMRUT, Operational Dec 2020
25	Burhanpur (M Corp.)-Boharda	21	14.66	5.94	AMRUT, Operational Mar 2021
26	Gwalior (M Corp.)-Laltipara (Morar)	65	50.56	40.00	AMRUT, Operational Mar 2021
27	Indore (M Corp.)-Radhaswami (Indore-1)	6	4.73	2.25	AMRUT, Operational Mar 2021
28	Indore (M Corp.)-Zoo (Indore-1)	35	18.6	7.95	AMRUT, Operational Mar 2021
29	Indore (M Corp.)-Naharbandara (Indore-1)	11	9.14	6.10	AMRUT, Operational Mar 2021
30	Indore (M Corp.)-C.P.Shekhar Nagar	10	7.23	2.20	SMART CITY, Operational Mar 2021
31	Gwalior (M Corp.)-Shatabdipuram (Morar)	8	4.14	4.30	AMRUT, Operational April 2021

32	Morena (M)-Ward No. 4 Atarsuma Area	25	10.11	4.04	AMRUT, Operational April 2021
33	Khargone (M)-Ward No.14	17.6	4	3.52	AMRUT, Operational May 2021
34	Vidisha (M)-Haripur Peria Nalla	22.25	14.00	5.60	AMRUT, Operational May 2021
35	Bhopal (Char Imli ,Shahpura)	4.5	3.5	1.00	AMRUT, Operational Aug 2021
36	Bhopal (Neelbad, Shahpura)	6	4.5	2.00	AMRUT, Operational Aug 2021
37	Bhopal (Sankhedi, Kolar)	32	22	10.00	AMRUT, Operational Aug 2021
38	Dewas (Saroday Nagar)	22	4.74	1.46	UIDSSMT, Operational Sep 2021
39	Ratlam (Khetalpur)	16	5.90	1.77	AMRUT, Operational Oct 2021
40	Ratlam (Trenching Ground)	21.5	7.6	2.28	AMRUT, Operational Oct 2021
41	Gwalior (Lashkar)	4	0.04	0.04	AMRUT, Operational Nov 2021
42	Dharampuri	2	1.40	0.70	World Bank, Operational Apr 2022
43	Bhind	12	7.51	1.50	AMRUT, Operational June 2022
44	Bhopal (Behind Bansal Hospital,Shahpur	9.5	7.58	1.52	AMRUT, Operational June 2022
45	Bhopal (Professor's Colony, Bhojwetland	2	1.68	0.50	AMRUT, Operational June 2022
46	Bhopal (Jamoniyaachhir Shahpura)	3.5	2.42	0.48	AMRUT, Operational July 2022
47	Budhni (Near Dindayal convent school)	2.2	1.48	1.35	Vishesh Nidhi, Operational July 2022
48	Budhni (Vill-Mana)	1.08	0.69	0.05	Vishesh Nidhi, Operational July 2022
49	Neemuch (Bus Stand)	7	1.27	0.40	AMRUT, Operational July 2022
50	Neemuch (Nr Ravanrundi)	9.5	1.30	0.20	AMRUT, Operational July 2022
51	Bhopal (Makshi, Kolar)	20.5	17.10	3.42	AMRUT, Operational Aug 2022
52	Jabalpur (Zone II Khatonda)	32	25.51	18.00	AMRUT, Operational Nov 2022
53	Datia (Ward 14, Nr Sewda)	12	1.35	0.27	AMRUT, Operational Dec 2022
54	Sagar (Patharia Hat)	43	18.00	4.60	AMRUT, Operational Mar 2023
55	Jabalpur Zone three and four at Lalpur	34	24.82	27	AMRUT, Operational Sep 2024
56	Jabalpur Zone 5	29	18.98	20.00	AMRUT, Operational Mar 2024
57	Mandla	0.5	0.4	0.12	Operational
58	Bhedaghat (panchwati)	0.43	0.38	0.37	World Bank, Operational Dec 2023
59	Bhedaghat (lameta)	0.12	0.084	0.04	World Bank, Operational Dec 2023
60	Bhedaghat(gopalpur)	0.22	0.147	0.08	World Bank, Operational Dec 2023
61	Bhedaghat (bhadpura)	0.06	0.038	0.04	World Bank, Operational Dec 2023
62	Bhedaghat (Lametaghat)	0.06	0.043	0.14	World Bank, Operational Dec 2023
63	Ujjain (Salsa Village)	92.5	18	14.00	AMRUT, Operational April 2024
64	Omkareshwar (Near Vridhashram)	0.55	0.385	0.12	Vishesh Nidhi , Operational July 2024
65	Amarkantak	1.2	0.266	0.08	World Bank, Operational July 2024
66	Satna (Zone I Dhawari )	15	2.5	0.75	AMRUT, Operational Oct 2024
67	Omkareshwar (Trenching Ground, Village)	0.45	0.315	0.09	Vishesh Nidhi , Operational Oct 2024
68	Shajapur	11.2	7.1	7.00	World Bank, Operational Sep 2024
69	Saikheda	2.6	1	0.30	ADB, Operational Nov 2024
70	Anjad(Gram Panchayat Palasia)	3.66	0.5	0.15	ADB, Operational Nov 2024
71	Rewa(Baba Ghat)	0.2	0.1	0.03	AMRUT, Operational MAY 2025
72	Shivpuri	20	6	1.80	PHE
73	Chhindwara	28	8.4	2.52	World Bank
74	Narsingpur(Dedwara Region, Near WTP)	6.25	1.875	0.56	KFW
75	Narsingpur(Naktua Region, Near Jail)	2.75	0.825	0.25	KFW

76	Nemawar	1	0.3	0.09	VISHESH NIDHI
77	Dindori	3.85	1.155	0.35	VISHESH NIDHI
78	rwaha(Near Trenching Ground, Ward no	3.75	1.5	0.45	ADB, Operational Jan 2025
<b>Total</b>		<b>1539.85</b>	<b>945.71</b>	<b>440.1878</b>	

**1703**  
**Details of Under Construction STPs in the State 31.05.2025**

124  
**Annexure 5**

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in March %	Status	Completion Timeline	Scheme
1	Guna	P H E Guest House	7.6	98.5	Work in progress	Jun-25	AMRUT
2	Guna	Saket Pura	14.65	99	Work in progress	Jun-25	
3	Murwara (Katni)	Madhav Nagar	7.5	75.14	Balance Work in progress	Sep-25	
4	Murwara (Katni)	Katyaghat	6	22.14	Balance Work in progress	Sep-25	
5	Murwara (Katni)	Kuthla Bus Stand	11	26.75	Balance Work in progress	Sep-25	
6	Rewa	Vivekanand Nagar Nallah	6.5	69	Balance Work in progress	Sep-25	
7	Rewa	Bichiya Laxman Bagh Road	6.5	66	Balance Work in progress	Sep-25	
8	Rewa	Vibhishan Nagar	3	0	Land issue	Sep-25	
9	Rewa	Laxman Bagh Road	9	58	Balance Work in progress	Sep-25	
10	Rewa	Nepaniya	0.4	35		Sep-25	
11	Rewa		12		STP completed under JNNURM, Network Under AMRUT remaining	Sep-25	
12	Satna	Zone II Nazirabad Mela Mod	16	73	Balance Work in progress	Sep-25	
13	Satna	Zone III Kripalpur	11	83	Balance Work in progress	Sep-25	
14	Singrauli	Ward 43 Near Nirvah Colony	11	95	Balance Work in progress.	July-25	
15	Singrauli	Ward 29 Near Devera Village	10	30	Balance Work in progress.	Sep-25	
16	Singrauli	Ward 32 Navjivan Vihar Colony	10	92	Balance Work in progress.	Sep-25	
17	Jabalpur (Civil Lines)	Civil Line	5	2	Work in progress	Jun-25	
18	Maheshwar	Maheshwar	4.91	48	Contract Turminated on 06.09.2024 due to Contractor slow Progress bid for balance work are called	Dec-25	

**1704**  
**Details of Under Construction STPs in the State 31.05.2025**

125  
**Annexure 5**

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in March %	Status	Completion Timeline	Scheme
19	Nasrullaganj	Ward No.6	4.2	99	Contract Turminated on 06.09.2024 due to Contractor slow Progress bid for balance work are called on 18.09.2024	Jun-25	WORLD BANK
20	Shahdol	Near Murna Nalla	17	76	Work in progress	Jul-25	
21	Mandleshwar	Mandleshwar	3	86	Work in progress	Jun-25	VISHESH NIDHI
22	Chitrakoot	Village Manjhgawa	4.7	99	Work in progress	Jun-25	
23	Hoshangabad	Kishanpur, Rashulia	21	33	Work in progress	Dec-25	
24	Mandla	Ward No. 23,	7.75	80	Work in progress	May-25	KFW
25	Mandla	Village Gaunjhi	1.75	80	Work in progress	Jun-25	
26	Badwani	Bheelkhera	9	62	Work in progress	Jun-25	
27	Sendhwa	Village Semalia	8.5	72	Work in progress	Sep-25	
28	Sanavad	Sanavad	5.58	42	Work in progress	Jun-25	ADB
29	Khajuraho	Khajuraho	4.56	5	Work in progress	Aug-26	ADB
30	Rajnagar	Rajnagar	2.82	5	Work in progress	Aug-26	ADB
31	Maihar	Maihar	14.5	48	Work in progress	Sep-26	ADB
32	Sanchi	Sanchi	2.1	0	Work in progress	Apr-27	ADB
33	Dhamnodb	Dhamnodb	6.68	67	Work in progress	Aug-26	ADB
34	Khurai	Khurai	10	8	Work in progress	Dec-25	ADB
35	Unhel	Unhel	1.6	0	Work in progress	Mar-26	SBM 2.0

**1705**  
**Details of Under Construction STPs in the State 31.05.2025**

126  
**Annexure 5**

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in March %	Status	Completion Timeline	Scheme
36	Thikari	Thikari	2	0	Work in progress	Feb-26	SBM 2.0
37	Tarana (NP)	Tarana (NP)	2.5	0	Work in progress	Nov-25	SBM 2.0
38	Tal (NP)	Tal (NP)	1.2	0	Work in progress	Feb-26	SBM 2.0
39	Soyatkalan (NP)	Soyatkalan (NP)	1	0	Work in progress	Nov-25	SBM 2.0
40	Sitamau (NP)	Sitamau (NP)	1	0	Work in progress	Jan-26	SBM 2.0
41	Salichouka(Bawaikalan)	Salichouka(Bawaikalan)	0.8	0	Work in progress	Mar-26	SBM 2.0
42	Runji-Gautampura (NP)	Runji-Gautampura (NP)	1	0	Work in progress	Feb-26	SBM 2.0
43	REHLI	REHLI	3.4	0	Work in progress	Jan-26	SBM 2.0
44	Petlawad (NP)	Petlawad (NP)	1	0	Work in progress	Feb-26	SBM 2.0
45	Pankhedi (Kalapipal)	Pankhedi (Kalapipal)	1	0	Work in progress	Jan-26	SBM 2.0
46	Palsud (NP)	Palsud (NP)	0.8	0	Work in progress	Feb-26	SBM 2.0
47	Obedullaganj (NP)	Obedullaganj (NP)	2.7	0	Work in progress	Feb-26	SBM 2.0
48	NOGAON	NOGAON	5.5	0	Work in progress	Oct-25	SBM 2.0
49	Niwas (NP)	Niwas (NP)	1	0	Work in progress	Dec-25	SBM 2.0
50	Niwali Burjurg	Niwali Burjurg	1.5	0	Work in progress	Feb-26	SBM 2.0
51	Neuton Chikhli Kalan (NP)	Neuton Chikhli Kalan (NP)	1	0	Work in progress	Jan-26	SBM 2.0
52	MHOWGAON	MHOWGAON	3	0	Work in progress	Mar-26	SBM 2.0
53	Mangrauni	Mangrauni	1	0	Work in progress	Mar-26	SBM 2.0

**Details of Under Construction STPs in the State 31.05.2025**

127  
**Annexure 5**

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in March %	Status	Completion Timeline	Scheme
54	MANAVAR	MANAVAR	4.5		Work in progress	Dec-25	SBM 2.0
55	MALAJKHAND	MALAJKHAND	3	0	Work in progress	Feb-26	SBM 2.0
56	Maksi (NP)	Maksi (NP)	1.6	0	Work in progress	Dec-25	SBM 2.0
57	Lodhikheda (NP)	Lodhikheda (NP)	1.3	0	Work in progress	Nov-25	SBM 2.0
58	Kurwai (NP)	Kurwai (NP)	1.25	0	Work in progress	Feb-26	SBM 2.0
59	Khetia (NP)	Khetia (NP)	2	0	Work in progress	Feb-26	SBM 2.0
60	KHACHROD	KHACHROD	3.5	0	Work in progress	Oct-25	SBM 2.0
61	Kewlari	Kewlari	1.5	0	Work in progress	Feb-26	SBM 2.0
62	Katangi (NP)	Katangi (NP)	2.6	0	Work in progress	Jan-26	SBM 2.0
63	Kasrawad (NP)	Kasrawad (NP)	2.5	0	Work in progress	Feb-26	SBM 2.0
64	Kanad (NP)	Kanad (NP)	0.7	0	Work in progress	Jan-26	SBM 2.0
65	JHABUA	JHABUA	5	0	Work in progress	Dec-25	SBM 2.0
66	Jamai (M)	Jamai (M)	3	0	Work in progress	Feb-26	SBM 2.0
67	Harra (NP)	Harra (NP)	1.3	0	Work in progress	Feb-26	SBM 2.0
68	GARHAKOTA	GARHAKOTA	4	0	Work in progress	Nov-25	SBM 2.0
69	DONGAR PARASIYA	DONGAR PARASIYA	4	0	Work in progress	Mar-26	SBM 2.0
70	Damua (M)	Damua (M)	2.9	0	Work in progress	Nov-25	SBM 2.0
71	Chichli	Chichli	1.65	0	Work in progress	Nov-25	SBM 2.0
72	Chaurai Khas (M)	Chaurai Khas (M)	1.5	0	Work in progress	Oct-25	SBM 2.0
73	Chandameta- Butaria (NP)	Chandameta- Butaria (NP)	1.5	0	Work in progress	Dec-25	SBM 2.0
74	Bistaan	Bistaan	0.8	0	Work in progress	Feb-26	SBM 2.0
75	Bichua	Bichua	0.7	0	Work in progress	Jan-26	SBM 2.0
76	Bhaurasa (NP)	Bhaurasa (NP)	1	0	Work in progress	Feb-26	SBM 2.0
77	Betma (NP)	Betma (NP)	0.8	0	Work in progress	Mar-26	SBM 2.0
78	Barhi	Barhi	1.5	0	Work in progress	Feb-26	SBM 2.0
79	Barghat (NP)	Barghat (NP)	1.3	0	Work in progress	Jan-26	SBM 2.0
80	Baihar (NP)	Baihar (NP)	1.5	0	Work in progress	Feb-26	SBM 2.0
81	Badkuhi (NP)	Badkuhi (NP)	1	0	Work in progress	Feb-26	SBM 2.0

**Details of Under Construction STAs in the State 31.05.2025**

128  
Annexure 5

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in March %	Status	Completion Timeline	Scheme
82	Badarwas (NP)	Badarwas (NP)	1	0	Work in progress	Nov-25	SBM 2.0
83	Alirajpur (M)	Alirajpur (M)	3	0	Work in progress	Dec-25	SBM 2.0
84	Akodia (NP)	Akodia (NP)	0.85	0	Work in progress	Jan-26	SBM 2.0
85	AGAR	AGAR	3.35	0	Work in progress	Feb-26	SBM 2.0
86	SIDDHI	SIDDHI	5	0	Work in progress	Feb-26	SBM 2.0
87	SIDDHI	SIDDHI	1	0	Work in progress	Feb-26	SBM 2.0
88	NEPANAGAR	NEPANAGAR	3	0	Work in progress	Feb-26	SBM 2.0
89	NEPANAGAR	NEPANAGAR	0.7	0	Work in progress	Feb-26	SBM 2.0
90	Meghnagar	Meghnagar	0.45	0	Work in progress	Dec-25	SBM 2.0
91	Meghnagar	Meghnagar	0.55	0	Work in progress	Dec-25	SBM 2.0
92	RADHOGARH	RADHOGARH	1	0	Work in progress	Jan-26	SBM 2.0
93	RADHOGARH	RADHOGARH	1.5	0	Work in progress	Jan-26	SBM 2.0
94	RADHOGARH	RADHOGARH	2	0	Work in progress	Jan-26	SBM 2.0
95	RADHOGARH	RADHOGARH	4	0	Work in progress	Jan-26	SBM 2.0
96	Vankhedi	Vankhedi	1	0	Work in progress	Mar-26	SBM 2.0
97	Sirali	Sirali	0.7	0	Work in progress	Mar-26	SBM 2.0
98	Shahpur (NP)	Shahpur (NP)	1	0	Work in progress	Mar-26	SBM 2.0
99	Sausar (M)	Sausar (M)	3	0	Work in progress	Mar-26	SBM 2.0
100	Sailana	Sailana	1	0	Work in progress	Mar-26	SBM 2.0
101	Polaykalan (NP)	Polaykalan (NP)	0.9	0	Work in progress	Mar-26	SBM 2.0
102	Patan (NP)	Patan (NP)	1	0	Work in progress	Mar-26	SBM 2.0
103	Panagar (M)	Panagar (M)	3.8	0	Work in progress	Mar-26	SBM 2.0
104	Nowrozabad (Khodargama) (NP)	Nowrozabad (Khodargama) (NP)	1.3	0	Work in progress	Mar-26	SBM 2.0
105	Mungaoli (NP)	Mungaoli (NP)	4	0	Work in progress	Mar-26	SBM 2.0
106	Mohgaon (NP)	Mohgaon (NP)	1	0	Work in progress	Mar-26	SBM 2.0
107	Manpur	Manpur	1	0	Work in progress	Mar-26	SBM 2.0
108	Lakhnadon (NP)	Lakhnadon (NP)	2.3	0	Work in progress	Mar-26	SBM 2.0
109	Khujner (NP)	Khujner (NP)	0.6	0	Work in progress	Mar-26	SBM 2.0
110	Jobat (NP)	Jobat (NP)	0.75	0	Work in progress	Mar-26	SBM 2.0
111	Ichhawar (NP)	Ichhawar (NP)	1	0	Work in progress	Mar-26	SBM 2.0
112	Gotegaon (NP)	Gotegaon (NP)	3.5	0	Work in progress	Mar-26	SBM 2.0
113	Chapara	Chapara	1.3	0	Work in progress	Mar-26	SBM 2.0
114	Chand	Chand	1.1	0	Work in progress	Mar-26	SBM 2.0
115	Bhainsdehi	Bhainsdehi	0.6	0	Work in progress	Mar-26	SBM 2.0
116	BARELI	BARELI	3.5	0	Work in progress	Mar-26	SBM 2.0
117	Bamhani (NP)	Bamhani (NP)	1	0	Work in progress	Mar-26	SBM 2.0

**Details of Under Construction STPs in the State 31.05.2025**

129  
**Annexure 5**

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in March %	Status	Completion Timeline	Scheme
118	Badagaon (NP)	Badagaon (NP)	0.5	0	Work in progress	Mar-26	SBM 2.0
119	Piparai	Piparai	1	0	Work in progress	Mar-26	SBM 2.0
120	Piparai	Piparai	0.5	0	Work in progress	Mar-26	SBM 2.0
121	Pali (NP)	Pali (NP)	0.6	0	Work in progress	Mar-26	SBM 2.0
122	Pali (NP)	Pali (NP)	0.9	0	Work in progress	Mar-26	SBM 2.0
123	BIJURI	BIJURI	0.7	0	Work in progress	Mar-26	SBM 2.0
124	BIJURI	BIJURI	0.6	0	Work in progress	Mar-26	SBM 2.0
125	BIJURI	BIJURI	0.35	0	Work in progress	Mar-26	SBM 2.0
126	JHABUA	JHABUA	5	0	Work in progress	Aug-26	AMRUT 2-0
127	Vidisha	Vidisha	1	0	Work in progress	Dec-26	AMRUT 2-0
128	Ujjain	Ujjain	8	0	Work in progress	Feb-27	AMRUT 2-0
129	INDORE	INDORE	195	0	Work in progress	Mar-27	NMCG
130	INDORE	INDORE		0	Work in progress	Mar-27	NMCG
131	INDORE	INDORE		0	Work in progress	Mar-27	NMCG
		<b>Total Capacity (MLD)</b>	<b>643</b>				

## Proposed STP

31.05.2025 Annexure-5

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme
1	Ujjain	2	24.38	Retendered	NMCG
2	Chhatarpur	2	23.4	Tender in progress	AMRUT 2.0.
3	Dewas	3	3	Tender in progress	AMRUT 2.0.
4	Bhopal(Package 3)	5	171	LoA Issued	AMRUT 2.0.
5	Khandawa	1	24	Tender in progress	AMRUT 2.0.
6	Pithampur	3	31	Tender in progress	AMRUT 2.0.
7	Khargoan	0	0	Tender in progress	AMRUT 2.0.
8	Indore	2	120	Tender in progress	AMRUT 2.0.
9	Buhanpur	1	18	Tender in progress	AMRUT 2.0.
10	Nagada	2	1.35	LOA PENDING	AMRUT 2.0.
11	Mandsaur	1	24	LOA PENDING	AMRUT 2.0.
12	Neemuch	1	1.8	LOA PENDING	AMRUT 2.0.
13	Ratlam	0	0	LOA ISSUED	AMRUT 2.0.
14	Chhindwara	0	0	LoA Issued	AMRUT 2.0.
15	Bhind	1	17.9	Tender in progress	AMRUT 2.0.
16	Datia	1	20	Tender in progress	AMRUT 2.0.
17	Jabalpur Cantt	0	0	Tender in progress	AMRUT 2.0.
18	Katni	1	6	Tender in progress	AMRUT 2.0.
19	Morena	2	21	Tender in progress	AMRUT 2.0.
20	Satna	0	0	Tender in progress	AMRUT 2.0.
21	Rewa	0	0	Tender in progress	AMRUT 2.0.
22	Singrauli	0	0	Tender in progress	AMRUT 2.0.
23	Shore	1	2	Tender in progress	AMRUT 2.0.
24	Sagar	0	0	Tender in progress	AMRUT 2.0.
25	Seoni_M	4	17.4	Tender in progress	AMRUT 2.0.
26	Warigarh	1	0.5	Under Financial Evaluation	SBM 2.0
27	Waraseoni	1	2	LOA Issued	SBM 2.0
28	Vijayraghavgarh (NP)	1	1.2	Under Rate Approval	SBM 2.0
29	Unchahara	1	0.8	Under Rate Approval	SBM 2.0
30	UMARIYA	2	1.2	Under Rate Approval	SBM 2.0
31	Udaipura (NP)	1	1.7	Under Technical Evaluation	SBM 2.0
32	Tonk Khurd	1	0.85	Under Technical Evaluation	SBM 2.0
33	Timarni (NP)	1	2.4	Under Rate Approval	SBM 2.0
34	Thandla (NP)	1	1	Under Technical Evaluation	SBM 2.0
35	Tendukheda (NP)	1	1.6	LOA pending	SBM 2.0
36	Tendukheda (NP)			LOA pending	SBM 2.0

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme
37	Tarichar Kalan (NP)	1	0.75	RFP Under Preparation	SBM 2.0
38	Suwasara (NP)	1	0.9	Under Rate Approval	SBM 2.0
39	Susner (NP)	1	1	LOA Issued	SBM 2.0
40	Sultanpur (NP)	1	1.2	Tender Live	SBM 2.0
41	Sohagpur	2	2.5	Under Technical Evaluation	SBM 2.0
42	SIRONJ	1	5.5	Under Technical Evaluation	SBM 2.0
43	SIHORA	1	4	Under Technical Evaluation	SBM 2.0
44	SHEOPUR	3	6	Under Financial Evaluation	SBM 2.0
45	Shamshabad (NP)	1	0.8	Under Financial Evaluation	SBM 2.0
46	Shamgarh (NP)	3	3	Under Rate Approval	SBM 2.0
47	Shahpura (NP)	1	1	Under Rate Approval	SBM 2.0
48	Shahpura (NP)	1	1	Under Rate Approval	SBM 2.0
49	Shahpur (NP)	1	1.5	Under Rate Approval	SBM 2.0
50	Shahpur	2	0.7	Tender Live	SBM 2.0
51	Shahganj	1	0.5	LOA Issued	SBM 2.0
52	SHADORA	1	1	Under Technical Evaluation	SBM 2.0
53	SEONI MALWA	1	3	Under Rate Approval	SBM 2.0
54	Seondha (NP)	2	1.6	Retender	SBM 2.0
55	SARNI	1	2.7	RFP Under Preparation	SBM 2.0
56	Sardarpur (NP)	1	0.5	LOA Issued	SBM 2.0
57	SABALGARH	1	6	Under Rate Approval	SBM 2.0
58	Rehti	1	1.35	Under Rate Approval	SBM 2.0
59	Rannod	1	0.8	LOA Issued	SBM 2.0
60	Ranapur (NP)	1	0.6	LOA Issued	SBM 2.0
61	Rampur Naikin (NP)	1	1	Retender	SBM 2.0
62	Rampur Baghelan (NP)	1	0.7	Under Rate Approval	SBM 2.0
63	Rajpur (NP)	1	1.5	Under Rate Approval	SBM 2.0
64	Rajgarh (NP)	1	2.3	Tender Live	SBM 2.0
65	RAISEN	1	5	LOA Issued	SBM 2.0
66	RAHATGARH	1	3.75	Under Rate Approval	SBM 2.0
67	Piplodha	1	0.6	Under Rate Approval	SBM 2.0
68	Piplanarayanwar (NP)	1	1.1	LOA Issued	SBM 2.0
69	PIPARIYA_M	2	4.9	Under Rate Approval	SBM 2.0
70	Pichhore (NP)	1	0.7	Under Rate Approval	SBM 2.0
71	Pichhore (NP)	1	1	Under Rate Approval	SBM 2.0
72	Phuphkalan (NP)	1	1	Under Technical Evaluation	SBM 2.0
73	Patharia (NP)	1	2.35	Under Rate Approval	SBM 2.0

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme
74	Pasan (M)	1	2.5	Under Financial Evaluation	SBM 2.0
75	Pansemal (NP)	1	0.8	Tender Live	SBM 2.0
76	PANDHURNA	1	4	Under Rate Approval	SBM 2.0
77	Pandhana (NP)	2	1	Under Technical Evaluation	SBM 2.0
78	Pachore (NP)	1	3	Under Technical Evaluation	SBM 2.0
79	Nayagaon	1	1	Under Technical Evaluation	SBM 2.0
80	Narwar (NP)	1	2	Under Rate Approval	SBM 2.0
81	Namli (NP)	1	0.7	Under Technical Evaluation	SBM 2.0
82	Nalkheda (NP)	1	2	Under Rate Approval	SBM 2.0
83	Nainpur (M)	1	2	Under Rate Approval	SBM 2.0
84	Nagod (NP)	1	2	RFP Under Preparation	SBM 2.0
85	Mundi (NP)	1	0.75	RFP Under Preparation	SBM 2.0
86	MULTAI	1	0.85	Under Rate Approval	SBM 2.0
87	Mohna	2	1.7	Under Financial Evaluation	SBM 2.0
88	Mihona (NP)	1	2.7	Under Financial Evaluation	SBM 2.0
89	Mau (NP)			Under Rate Approval	SBM 2.0
90	Manpur (NP)	1	0.5	Under Rate Approval	SBM 2.0
91	Mangawan (NP)	1	1	Under Technical Evaluation	SBM 2.0
92	Manasa (NP)	1	3.12	Under Financial Evaluation	SBM 2.0
93	Malhargarh	1	1	Under Rate Approval	SBM 2.0
94	Majholi (NP)	1	1	Retender	SBM 2.0
95	MAHIDPUR	1	3	Under Rate Approval	SBM 2.0
96	Madhusudangarh	1	1.5	Under Technical Evaluation	SBM 2.0
97	Machalpur (NP)	1	0.6	LOA pending	SBM 2.0
98	Lateri (NP)	1	2	Under Rate Approval	SBM 2.0
99	Lanji (NP)	1	1.5	Under Rate Approval	SBM 2.0
100	LAHAR	2	4	Retender	SBM 2.0
101	Kumbhraj (NP)	2	2	LOA pending	SBM 2.0
102	Kukdeshwar	1	1	Under Rate Approval	SBM 2.0
103	KOTMA	1	3.4	RFP Under Preparation	SBM 2.0
104	Kothri (NP)	1	0.6	Under Financial Evaluation	SBM 2.0
105	Kolaras (NP)	1	1	Under Technical Evaluation	SBM 2.0
106	Khirkiya (NP)	1	1.3	Under Financial Evaluation	SBM 2.0
107	Khategaon (NP)	1	3.5	LOA Issued	SBM 2.0
108	Khaniyadhana (NP)	1	1	Tender Live	SBM 2.0
109	Khand(Bansagar) (NP)	1	0.7	Under Financial Evaluation	SBM 2.0
110	Katangi (NP)	1	1.5	LOA Issued	SBM 2.0

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme
111	Kari (NP)	1	1	RFP Under Preparation	SBM 2.0
112	Karera (NP)	1	2	Under Financial Evaluation	SBM 2.0
113	Kakarhati (NP)	1	1	Retender	SBM 2.0
114	Kailaras (NP)	1	4.5	Under Financial Evaluation	SBM 2.0
115	Jiran	1	1.07	Under Technical Evaluation	SBM 2.0
116	Jhundpura (NP)	1	1	LOA Issued	SBM 2.0
117	Jeerapur (NP)	2	2.5	Under Rate Approval	SBM 2.0
118	JAWARA	1	5	Under Technical Evaluation	SBM 2.0
119	Jawar (NP)	1	0.5	Under Technical Evaluation	SBM 2.0
120	Jawad (NP)	1	1.8	Under Technical Evaluation	SBM 2.0
121	JAURA	1	5	Under Rate Approval	SBM 2.0
122	Jaitwara (NP)	1	0.5	Under Technical Evaluation	SBM 2.0
123	Jaithari (NP)	1	0.89	Tender Live	SBM 2.0
124	Jaisinghnagar (NP)	1	0.6	LOA Issued	SBM 2.0
125	Indergarh (NP)	1	1	Under Rate Approval	SBM 2.0
126	Hindoria (NP)	1	1.65	RFP Under Preparation	SBM 2.0
127	HATTA	1	3.6	Under Rate Approval	SBM 2.0
128	Hatod (NP)	1	1	Tender Live	SBM 2.0
129	Harpalpur (NP)	1	0.9	Under Financial Evaluation	SBM 2.0
130	HARDA	1	1	Under Financial Evaluation	SBM 2.0
131	Gurh (NP)	1	1	Under Rate Approval	SBM 2.0
132	Gormi (NP)	1	3	LOA Issued	SBM 2.0
133	GOHAD	5	9	Retender	SBM 2.0
134	Ghuwara (NP)	1	0.7	Retender	SBM 2.0
135	Ghodadogri	1	0.6	Under Rate Approval	SBM 2.0
136	Garhi - Malhera (NP)	1	0.9	Retender	SBM 2.0
137	GANJBASODA	1	9.5	Under Financial Evaluation	SBM 2.0
138	Gairatganj (NP)	1	0.9	Tender Live	SBM 2.0
139	GADARWARA	1	5.5	Retender	SBM 2.0
140	DHANPURI	3	1.7	Under Rate Approval	SBM 2.0
141	Dhammod_R	1	0.55	Under Financial Evaluation	SBM 2.0
142	Depalpur (NP)	3	1.15	Tender Live	SBM 2.0
143	Daboh (NP)	1	2	Under Rate Approval	SBM 2.0
144	Dabhoura	1	0.5	Under Financial Evaluation	SBM 2.0
145	Chicholi (NP)	1	0.5	Under Financial Evaluation	SBM 2.0
146	Chhaphiheda (NP)	1	0.65	Under Rate Approval	SBM 2.0
147	Chandia (NP)	1	0.8	Under Rate Approval	SBM 2.0

S. No.	Name of ULBs	No. of STPs	Capacity (MLD)	Status	Scheme
148	CHANDERI	2	4	LOA pending	SBM 2.0
149	Chakghat (NP)	1	1	Retender	SBM 2.0
150	Buxwaha (NP)	1	0.55	Retender	SBM 2.0
151	Bilhara	1	1	Under Rate Approval	SBM 2.0
152	Bijaypur	2	1.25	Under Financial Evaluation	SBM 2.0
153	Bijawar (NP)	1	1.5	Tender Live	SBM 2.0
154	Bichhiya (NP)	1	1	LOA Issued	SBM 2.0
155	Bhitarwar (NP)	2	2	LOA Issued	SBM 2.0
156	Bhikangaon (NP)	1	1.5	LOA Issued	SBM 2.0
157	Bhainsoda Mandi	1	1.6	Under Technical Evaluation	SBM 2.0
158	BERASIA	1	3	Under Financial Evaluation	SBM 2.0
159	BEGUMGANJ	1	3.5	LOA Issued	SBM 2.0
160	Bangawan (Rajnagar)	1	0.8	RFP Under Preparation	SBM 2.0
161	BAMORE	1	3.5	Under Technical Evaluation	SBM 2.0
162	Bairad	2	1	LOA Issued	SBM 2.0
163	Bagli (NP)	1	0.65	Under Rate Approval	SBM 2.0
164	Badoda (NP)	1	1	Under Rate Approval	SBM 2.0
165	Badnawar (NP)	1	3	LOA Issued	SBM 2.0
166	BADNAGAR	1	4	LOA Issued	SBM 2.0
167	Badi (NP)	1	2.3	Under Financial Evaluation	SBM 2.0
168	Badawada (NP)	1	0.6	Under Technical Evaluation	SBM 2.0
169	Bada Malhera (NP)	1	1.3	Tender Live	SBM 2.0
170	Babai (NP)	1	1.8	Under Rate Approval	SBM 2.0
171	Baandri	1	4	Under Rate Approval	SBM 2.0
172	Athner (NP)	1	0.65	Under Financial Evaluation	SBM 2.0
173	ASHTA	2	6.5	Under Rate Approval	SBM 2.0
174	Aron (NP)	2	1.5	LOA Issued	SBM 2.0
175	Anuppur (M)	2	1.95	Tender Live	SBM 2.0
176	AMLA	2	2.2	Under Rate Approval	SBM 2.0
177	Amarpatan (NP)	1	0.75	Under Technical Evaluation	SBM 2.0
178	Amanganj (NP)	1	1	Retender	SBM 2.0
179	Alot (NP)	1	2.1	Under Rate Approval	SBM 2.0
180	Alampur (NP)	1	0.7	Retender	SBM 2.0
181	Akoda (NP)	1	1.3	Retender	SBM 2.0
<b>Total</b>		<b>217</b>	<b>815.46</b>		

# Annexure 6

## Details of House Service Connection (Sewerage)



Sr. No.	Name of City	Number of Households covered at the start of Mission (2015-2016)	Number of Household Connection Proposed Under Amrut Mission	Total Connections Done Through Amrut	1716 Balance Connections in AMRUT	Number of Household Connection Proposed through Convergence	Total Connections Done Through Convergence	Total no. of Connection Done Through AMRUT & Convergence	Total Connections Done
28	Neemuch	500	16222	16222	0	0	0	16222	16722
29	Omkareshwar	0	0	0	0	2400	1818	1818	1818
30	Pithampur	6455	0	0	0	0	0	0	6455
31	Ratlam	1000	43273	43273	0	3000	3000	46273	47273
32	Shore	500	14200	14200	0	0	0	14200	14700
33	Ujjain	0	60320	11560	48760	0	0	11560	11560
34	Vidisha	700	18406	18406	0	0	0	18406	19106
35	Shajapur	0	0	0	0	0	13457	13457	13457
36	Bhedaghat	0	0	0	0	0	1084	1084	1084
37	Nasrullaganj	0	0	0	0	0	2833	2833	2833
38	Chitrakoot	0	0	0	0	0	350	350	350
39	Mandla	0	0	0	0	0	12842	10552	10552
40	Narsinghpur	0	0	0	0	0	13100	13100	13100
41	Badwani	0	0	0	0	0	1743	1743	1743
42	Sendhwa	0	0	0	0	0	7162	4194	4194
43	Barwaha	0	0	0	0	0	1677	1677	1677
44	Anjad	0	0	0	0	0	1463	1463	1463
45	Saikheda	0	0	0	0	0	2721	2721	2721
46	Budhni	0	0	0	0	0	2804	2804	2804
47	Dharampuri	0	0	0	0	0	2300	2300	2300
48	Nemawar	0	0	0	0	0	1226	1226	1226
49	Amarkantak	0	0	0	0	0	1518	1518	1518
50	Mandleshwar	0	0	0	0	0	3846	3846	3846
51	Dindori	0	0	0	0	0	2000	2000	2000
52	Sanawad	0	0	0	0	5000	1021	1021	1021
53	Maheshwar	0	0	0	0	4577	2007	2007	2007
54	Dhamnood	0	0	0	0	7709	0	0	0
55	Rajnagar	0	0	0	0	3180	0	0	0
56	Shahdol	0	0	0	0	21511	1523	1523	1523
57	Sanchi	0	0	0	0	7709	0	0	0
58	Khajurao	0	0	0	0	5898	0	0	0
59	Maihar	0	0	0	0	15513	0	0	0

Sr. No.	Name of City	Number of Households covered at the start of Mission (2015-2016)	Number of Household Connection Proposed Under Amrut Mission	Total Connections Done Through Amrut	<b>1717</b> Balance Connections in AMRUT	Number of Household Connection Proposed through Convergence	Total Connections Done Through Convergence	Total no. of Connection Done Through AMRUT & Convergence	Total Connections Done
60	Khurai	0	0	0	0	18872	310	310	310
<b>Total</b>		<b>531879</b>	<b>693695</b>	<b>426969</b>	<b>271890</b>	<b>222369</b>	<b>164459</b>	<b>585970</b>	<b>1117849</b>

*Annexure 7*  
Details of Sewerage Projects  
Approved

<b>Amrut 1.0 Sewerage</b>				<i>Annexure-7</i>
<b>S.no.</b>	<b>ULB</b>	<b>Project Cost (Cr.)</b>	<b>No. of STP</b>	<b>STP Capacity (MLD)</b>
1	Sehore	66.22	1	12
2	Indore	300.93	5	67
3	Burhanpur	93.97	1	21
4	Neemuch	62.03	2	16.5
5	Vidisha	98.71	1	22.25
6	Khargone	63.2	1	17.6
7	Ratlam	141.44	2	37.5
8	Ujjain	438.1	1	92.5
9	Rewa	244.53	4	25
10	SINGRAULI	126.33	3	31
11	Satna	165.25	3	42
12	JABALPUR	362.31	4	100
13	Sagar	299.1	1	43
14	Guna	81.09	2	22.25
15	Katni	121.57	3	24.5
16	Datia	58.84	1	12
17	Morena	138.16	1	25
18	Gwalior	388.97	4	222
19	Bhind	84.16	1	12
20	Bhopal	442	9	118
<b>Total</b>		<b>3776.91</b>	<b>50</b>	<b>963.1</b>

**1720**  
**Annexure 7**  
**मध्यप्रदेश अर्बन डेवलपमेंट कंपनी लिमिटेड**  
**नगरीय क्षेत्र में सीवरेज योजनाएँ**

क्र.	नगर का नाम	एस.टी.पी. की क्षमता (एम.एल.डी. में)	अनुमानित लागत (रू. लाख में) Capital Cost	अनुबंधानुसार कार्य समाप्ति की दिनांक	कार्य पूर्ण करने का लक्ष्य
1	अमरकंटक	1.20	1225.00	16.08.2023	कार्य पूर्ण
2	डिण्डोरी	3.85	2500.00	23.09.2023	जून 2025
3	मण्डला	9.50	10172.00	13.05.2024	जून 2025
4	जबलपुर	100.00	28500.00	28.06.2020	कार्य पूर्ण
5	भेड़ाघाट	0.90	1437.00	09.07.2022	कार्य पूर्ण
6	नरसिंहपुर	9.00	10782.00	17.04.2024	जून 2025
7	साईखेड़ा	2.60	2301.00	02.12.2020	कार्य पूर्ण
8	नर्मदापुरम होशंगाबाद	21.00	13431.00	18.11.2024	दिसम्बर 2025
9	बुधनी	3.28	3883.00	16.01.2020	कार्य पूर्ण
10	नसरूल्लागंज	4.2	4197.00	03.06.2022	नवम्बर 2025
11	नेमावर	1.00	820.00	30.09.2021	जून 2025
12	ओंकारेश्वर	1.00	1296	11.06.2020	कार्य पूर्ण 21.01.2025
13	बड़वाहा	3.75	2119.00	30.04.2021	कार्य पूर्ण

क्र.	नगर का नाम	एस.टी.पी. की क्षमता (एम.एल.डी. में)	<b>1721</b> अनुमानित लागत (रू. लाख में) Capital Cost	अनुबंधानुसार कार्य समाप्ति की दिनांक	कार्य पूर्ण करने का लक्ष्य
14	सनावद	7.02	3359.00	25.08.2023	दिसम्बर 2025
15	मण्डलेश्वर	3	1475.00	05.01.2020	fnlEcj 2025
16	महेश्वर	4.91	5557.00	30.09.2022	दिसंबर 2025
17	धामनोद	6.68	6867.00	29.08.2026	अगस्त 2026
18	धरमपुरी	2.00	2130.00	09.09.2020	कार्य पूर्ण
19	अंजड़	3.66	2217.00	30.04.2021	कार्य पूर्ण
20	बड़वानी	9.00	9420.00	27.06.2025	दिसम्बर 2025
21	सैंधवा	8.50	6929.00	28.09.2025	सितम्बर 2025
22	चित्रकूट	4.70	3208.00	30.10.2024	अक्टूबर 2025
23	छिन्दवाड़ा	28.00	26832.00	20.07.2020	28.05.2025
24	गजापुर	11.10	8976.00	05.06.2021	05.06.2021
25	हडोल	17.00	20631.00	13.12.2023	13.12.2023
26	सॉची	2.30	2473.00	16.04.2027	16.04.2027
27	खजराहो	4.56	4879.00	25.08.2026	25.08.2026
28	राजनगर	2.82	3106.00	25.08.2026	25.08.2026
29	खुरई	10.00	17787.00	18.12.2026	18.12.2026
30	मैहर	14.50	12054.00	21.09.2026	21.09.2026

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
1	Gwalior	BHIND	Lahar	3	5.00
2	Gwalior	GUNA	Radhogarh	2	9.50
3	Gwalior	SHEOPUR	Sheopur	2	10.00
4	Indore	DHAR	Dhar	1	15.00
5	Ujjain	UJJAIN	Khachrod	1	5.00
6	Ujjain	UJJAIN	Mahidpur	1	4.50
7	Ujjain	SHAJAPUR	Shujalpur	1	8.00
8	Ujjain	UJJAIN	Badnagar	1	5.00
9	Sagar	DAMOH	Hatta	1	4.00
10	Sagar	PANNA	Panna	1	9.00
11	Sagar	CHHATARPUR	Nogaon	1	5.00
12	Sagar	TIKAMGARH	Tikamgarh	2	11.00
13	Ujjain	AGAR MALWA	Agar	1	4.50
14	Indore	JHABUA	Jhabua	1	4.50
15	Indore	DHAR	Manavar	1	4.00
16	Bhopal	RAJGARH	Rajgarh_R	1	4.00
17	Sagar	SAGAR	Bina Etawa	1	8.00
18	Rewa	SHAHDOL	Dhanpuri	1	5.50
19	Bhopal	BETUL	Amla	2	4.00
20	Rewa	ANUPPUR	Bijuri	1	4.00
21	Sagar	SAGAR	Garhakota	1	4.00
22	Gwalior	BHIND	Gohad	2	7.00
23	Rewa	UMARIA	Umariya	2	4.00
24	Bhopal	HARDA	Harda	1	10.00
25	Rewa	SIDHI	Siddhi	1	7.00
26	Bhopal	HOSHANGABAD	Itarsi	1	15.00
27	Gwalior	MORENA	Sabalgarh	1	5.00
28	Ujjain	RATLAM	Jawara	2	9.00
29	Gwalior	MORENA	Jaura	1	5.00
30	Rewa	ANUPPUR	Kotma	1	4.00
31	Indore	INDORE	Mhowgaon	1	4.00
32	Indore	BURHANPUR	Nepanagar	2	4.00
33	Bhopal	HOSHANGABAD	Pipariya_M	1	6.00
34	Sagar	SAGAR	Rehli	1	4.00
35	Jabalpur	BALAGHAT	Baihar	1	2.00
36	Jabalpur	BALAGHAT	Balaghat	3	10.00
37	Jabalpur	MANDLA	Bamhani	1	1.25
38	Jabalpur	MURWARA (KATNI)	Barhi	1	1.45
39	Jabalpur	CHHINDWARA	DongarParasiya	1	5.00
40	Jabalpur	BALAGHAT	Malajkhand	1	3.53

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
41	Jabalpur	MANDLA	Niwas	1	1.00
42	Jabalpur	CHHINDWARA	Pandhurna	1	6.00
43	Jabalpur	JABALPUR	Sihora	1	6.00
44	Rewa	SATNA	Amarpatan	1	2.00
45	Rewa	SATNA	Jaitwara	1	1.00
46	Rewa	SATNA	New Ramnagar	1	2.50
47	Rewa	UMARIA	Nawrozabad	1	2.50
48	Gwalior	BHIND	Akoda	1	1.50
49	Gwalior	BHIND	Daboh	1	2.00
50	Gwalior	MORENA	Kailaras	1	3.00
51	Sagar	SAGAR	Baandri	1	3.00
52	Sagar	SAGAR	Banda	1	3.50
53	Sagar	SAGAR	Karrapur	1	1.50
54	Sagar	SAGAR	Makronia	2	8.00
55	Sagar	SAGAR	Malthaun	1	1.50
56	Sagar	SAGAR	Rahatgarh	1	3.50
57	Sagar	SAGAR	Shahgarh	1	2.00
58	Sagar	DAMOH	Tendukheda_D	1	1.50
59	Indore	KHARGAON	Bhikangaon	1	2.00
60	Sagar	TIKAMGARH	Badagaon_T	1	0.96
61	Sagar	TIKAMGARH	Jatara	1	2.00
62	Sagar	TIKAMGARH	Khargapur	1	1.54
63	Sagar	NIWARI	Niwari	1	2.45
64	Sagar	NIWARI	Orchha	1	1.50
65	Sagar	TIKAMGARH	Palera	1	2.00
66	Sagar	NIWARI	Prithvipur	1	3.00
67	Gwalior	GWALIOR	Pichhore	1	1.50
68	Gwalior	ASHOKNAGAR	Esagarh	1	1.50
69	Bhopal	RAJGARH	Khujner	1	1.50
70	Gwalior	ASHOKNAGAR	Mungaoli	1	2.95
71	Gwalior	ASHOKNAGAR	Shadora	1	1.50
72	Indore	DHAR	Badnawar	1	2.50
73	Indore	DHAR	Dahi	1	1.00
74	Indore	DHAR	Kukshi	1	3.00
75	Indore	DHAR	Mandav	1	1.50
76	Indore	DHAR	Rajgarh_D	1	2.50
77	Indore	DHAR	Sardarpur	1	1.00
78	Jabalpur	MURWARA (KATNI)	Kymore	1	2.01
79	Jabalpur	SEONI	Kewlari	1	2.50
80	Jabalpur	MURWARA (KATNI)	Vijay Radhogarh	1	1.00

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
81	Indore	ALIRAJPUR	Alirajpur	1	3.00
82	Indore	ALIRAJPUR	Bhavra	1	1.50
83	Indore	KHANDWA	Chhanera	1	2.50
84	Ujjain	NEEMUCH	Diken	1	1.00
85	Indore	ALIRAJPUR	Jobat	1	1.50
86	Indore	JHABUA	Meghnagar	1	1.50
87	Indore	KHANDWA	Mundi	1	1.50
88	Indore	KHANDWA	Pandhana	1	1.50
89	Indore	JHABUA	Petlawad	1	2.00
90	Indore	KHANDWA	Punasa	1	1.50
91	Indore	JHABUA	Ranapur	1	1.50
92	Indore	BURHANPUR	Shahpur_B	1	2.04
93	Indore	JHABUA	Thandla	1	2.00
94	Gwalior	BHIND	Alampur	1	1.50
95	Bhopal	BETUL	Multai	1	3.50
96	Sagar	CHHATARPUR	BADAMALHERA	1	1.84
97	Sagar	CHHATARPUR	Buxwaha	1	1.00
98	Sagar	CHHATARPUR	Bijawar	1	2.00
99	Sagar	CHHATARPUR	Chandla	1	1.25
100	Sagar	CHHATARPUR	Gadimalhara	2	1.24
101	Sagar	CHHATARPUR	Ghuwara	2	1.31
102	Sagar	CHHATARPUR	Harpalpur	1	1.74
103	Rewa	SATNA	Kotar	1	1.00
104	Sagar	CHHATARPUR	Lavkushnagar	1	2.50
105	Sagar	CHHATARPUR	Maharajpur	1	2.50
106	Sagar	PANNA	Pawai	1	1.40
107	Sagar	CHHATARPUR	Satai	1	1.03
108	Sagar	CHHATARPUR	Warigarh	1	1.00
109	Jabalpur	JABALPUR	Berala_M	1	1.15
110	Jabalpur	MANDLA	BHUA BHICHHIA	1	1.00
111	Jabalpur	BALAGHAT	Katangi_B	1	1.42
112	Jabalpur	BALAGHAT	Langi	1	1.18
113	Jabalpur	JABALPUR	Manjholi_J	1	1.32
114	Jabalpur	MANDLA	Nainpur	1	2.00
115	Jabalpur	JABALPUR	Patan	1	1.30
116	Jabalpur	DINDORI	Shahpura_D	1	0.96
117	Jabalpur	JABALPUR	Shahpur Bhitoni	1	1.19
118	Jabalpur	BALAGHAT	Waraseoni	1	2.50
119	Ujjain	SHAJAPUR	Akodia	1	1.15
120	Ujjain	RATLAM	Alot	1	2.50

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
121	Ujjain	RATLAM	Badawada	1	1.00
122	Ujjain	AGAR MALWA	Barode	1	1.38
123	Ujjain	SHAJAPUR	Pankhedi Kalapipal	1	1.16
124	Ujjain	AGAR MALWA	kanad	1	1.02
125	Ujjain	SHAJAPUR	Makshi	1	1.99
126	Ujjain	RATLAM	Namli	1	1.00
127	Ujjain	RATLAM	Piplodha	1	1.00
128	Ujjain	SHAJAPUR	Polaykala	1	1.22
129	Ujjain	RATLAM	Sailana	1	1.19
130	Ujjain	MANDSAUR	Sitamau	1	1.39
131	Ujjain	AGAR MALWA	Soyatkalan	1	1.41
132	Ujjain	AGAR MALWA	Susner	1	1.58
133	Ujjain	MANDSAUR	Suwasra	1	1.31
134	Ujjain	RATLAM	Tal	1	1.44
135	Rewa	SATNA	Birsinghpur	1	1.35
136	Rewa	UMARIA	Chandia	1	1.57
137	Rewa	SHAHDOL	Jaysingh nagar	1	1.00
138	Rewa	SHAHDOL	Khand	1	1.04
139	Rewa	UMARIA	Manpur-U	1	2.06
140	Rewa	SATNA	Nagod	1	2.50
141	Rewa	UMARIA	Pali_M	1	2.50
142	Rewa	SATNA	Rampur bhaghelan	1	1.22
143	Rewa	SATNA	Uchehra	1	1.67
144	Gwalior	BHIND	Mihona	1	1.55
145	Gwalior	BHIND	Raun	1	2.50
146	Gwalior	BHIND	Gormi	1	2.00
147	Gwalior	MORENA	Jhundpura	1	1.00
148	Gwalior	BHIND	Malanpur	1	1.34
149	Gwalior	BHIND	Mau	1	2.50
150	Gwalior	BHIND	Mehgaon	1	2.27
151	Gwalior	BHIND	Phuphkalan	1	1.27
152	Gwalior	MORENA	Ambah	2	5.50
153	Gwalior	MORENA	Bamore	1	4.00
154	Gwalior	MORENA	Porsa	3	4.00
155	Gwalior	SHIVPURI	Kolaras	1	2.07
156	Gwalior	SHIVPURI	Narwar	1	1.97
157	Jabalpur	JABALPUR	Katangi_J	1	1.71
158	Indore	INDORE	Betma	1	1.59
159	Indore	INDORE	Depalpur	1	1.74
160	Indore	INDORE	Gautampura	1	1.45

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
161	Indore	INDORE	Hathod	1	1.04
162	Indore	INDORE	Manpur	1	1.00
163	Jabalpur	NARSIMHAPUR	Tendukheda_N	1	1.34
164	Jabalpur	NARSIMHAPUR	Gotegaon	1	3.00
165	Jabalpur	NARSIMHAPUR	Salichoka	1	1.31
166	Jabalpur	NARSIMHAPUR	Chichli	1	1.39
167	Jabalpur	NARSIMHAPUR	Gadarwara	1	5.50
168	Jabalpur	NARSIMHAPUR	Kareli	1	3.25
169	Jabalpur	CHHINDWARA	Amarwara	1	1.33
170	Jabalpur	CHHINDWARA	Badkuhi	1	1.00
171	Jabalpur	SEONI	Barghat	1	1.14
172	Jabalpur	CHHINDWARA	Bichhuua	1	1.00
173	Jabalpur	CHHINDWARA	Chand	1	0.96
174	Jabalpur	CHHINDWARA	Chandameta Butaria	1	1.29
175	Jabalpur	CHHINDWARA	Chorai	1	1.24
176	Jabalpur	CHHINDWARA	Damua	1	2.37
177	Jabalpur	CHHINDWARA	Harrai	1	1.10
178	Jabalpur	CHHINDWARA	Junnardeo	1	1.93
179	Jabalpur	SEONI	Lakhnadoan	1	1.69
180	Jabalpur	CHHINDWARA	Lodhikheda	1	1.00
181	Jabalpur	CHHINDWARA	Mohgaon	1	1.00
182	Jabalpur	CHHINDWARA	NewtonChikhli	1	1.00
183	Jabalpur	CHHINDWARA	Piplanarayanwar	1	1.00
184	Jabalpur	CHHINDWARA	Sausar	1	3.00
185	Gwalior	GWALIOR	Bitarwar	2	2.00
186	Gwalior	GUNA	Kumbhraj	2	1.97
187	Gwalior	GWALIOR	Antri	2	1.00
188	Gwalior	GUNA	Aron	2	3.00
189	Gwalior	SHEOPUR	Badoda	2	1.66
190	Gwalior	GWALIOR	Bilaua	2	1.12
191	Gwalior	GUNA	Chachodabinaganj	2	2.50
192	Gwalior	GUNA	Madhusudangarh	2	2.10
193	Gwalior	GWALIOR	Mohna	2	2.00
194	Gwalior	ASHOKNAGAR	Piparai	1	2.13
195	Gwalior	SHEOPUR	Bijaypur	2	1.52
196	Ujjain	DEWAS	Bagli	1	0.98
197	Ujjain	DEWAS	Bhaurasa	1	1.10
198	Ujjain	DEWAS	Hatpipliya	1	1.82
199	Ujjain	DEWAS	Kannod	1	2.00
200	Ujjain	DEWAS	Kanthaphod	1	1.12

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
201	Ujjain	DEWAS	Karnawad	1	1.09
202	Ujjain	DEWAS	Khategaon	1	2.53
203	Ujjain	DEWAS	Loharda	1	0.98
204	Ujjain	MANDSAUR	Malhargarh	1	1.00
205	Ujjain	MANDSAUR	Narayangarh	1	1.02
206	Ujjain	DEWAS	Pipalrawan	1	1.10
207	Ujjain	DEWAS	Satwas	1	1.36
208	Ujjain	DEWAS	Sonkatch	1	1.59
209	Ujjain	DEWAS	Tonkhurd	1	1.00
210	Ujjain	NEEMUCH	Athana	1	1.00
211	Ujjain	MANDSAUR	Bhanpura	1	2.50
212	Ujjain	MANDSAUR	Bhainsoda Mandi	1	1.57
213	Ujjain	MANDSAUR	Garoth	1	1.43
214	Ujjain	NEEMUCH	Jawad	1	1.52
215	Ujjain	NEEMUCH	Jeeran	1	1.03
216	Ujjain	NEEMUCH	Kukdeshwar	2	1.15
217	Ujjain	NEEMUCH	Manasa	1	3.00
218	Ujjain	MANDSAUR	Nagri_M	1	1.00
219	Ujjain	NEEMUCH	Nayagaon	1	1.00
220	Ujjain	MANDSAUR	Pipalya Mandi	2	1.46
221	Ujjain	NEEMUCH	Rampura	1	2.00
222	Ujjain	NEEMUCH	Ratangarh_N_M	1	1.00
223	Ujjain	NEEMUCH	sarwania Maharaj	1	1.00
224	Ujjain	MANDSAUR	Shyamgarh	1	2.50
225	Ujjain	NEEMUCH	Singoli	1	0.95
226	Bhopal	RAJGARH	Chhapiheda	1	1.00
227	Bhopal	RAJGARH	Jeerapur	1	2.50
228	Bhopal	RAJGARH	Kurawar	1	1.67
229	Bhopal	RAJGARH	Machalpur	1	1.00
230	Bhopal	RAJGARH	Pachore	1	3.00
231	Bhopal	RAJGARH	Suthalia	1	1.12
232	Bhopal	RAJGARH	Talen	1	1.04
233	Bhopal	RAJGARH	Narsinghgarh	1	3.50
234	Sagar	DAMOH	Pathariya	1	2.02
235	Sagar	SAGAR	Bilhara	1	1.00
236	Sagar	DAMOH	Hindoriya	1	1.50
237	Sagar	DAMOH	Patera	2	0.98
238	Sagar	SAGAR	Shahpur_S	1	1.50
239	Ujjain	Ratlam	Dhamnodb	1	1.00
240	Rewa	Anuppur	Anuppur	1	2.00

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
241	Rewa	Anuppur	Pasan	1	3.00
242	Sagar	Sagar	BARODIYA KALAN	1	2.00
243	Sagar	Sagar	Deori (M)	1	3.00
244	Sagar	Sagar	Surakhi	1	2.00
245	Sagar	Tikamgarh	Baldeogarh	1	1.00
246	Rewa	Anuppur	Bangawan	1	2.00
247	Rewa	Anuppur	Dola	1	1.00
248	Rewa	Anuppur	Dumarkachar	1	1.00
249	Sagar	Niwari	Jeronkhalsa	1	1.00
250	Sagar	Tikamgarh	Kari	1	1.00
251	Sagar	Tikamgarh	Lidhorakhas	1	1.50
252	Sagar	Tikamgarh	Taricharkalan	1	1.00
253	Gwalior	ASHOKNAGAR	ASHOKNAGAR	1	11.00
254	Bhopal	RAJGARH	BIAORA	2	5.00
255	Bhopal	Rajgarh	Boda (NP)	1	1.00
256	Bhopal	Rajgarh	Khilchipur (NP)	1	2.00
257	Bhopal	RAJGARH	SARANGPUR	1	4.00
258	Gwalior	ASHOKNAGAR	CHANDERI	1	3.50
259	Rewa	Rewa	Baikunthpur (NP)	1	1.20
260	Rewa	Singrauli	Bargaon	1	3.00
261	Rewa	Rewa	Chakghat (NP)	1	1.20
262	Rewa	Rewa	Dabhoura	1	1.00
263	Rewa	Rewa	Govindgarh (NP)	1	1.00
264	Rewa	Rewa	Gurh (NP)	1	1.80
265	Rewa	Rewa	Hanumana (NP)	1	2.00
266	Rewa	Satna	Kothi (NP)	1	1.00
267	Rewa	Sidhi	Majhauri (NP)	1	1.50
268	Rewa	Rewa	Mangawan (NP)	1	1.50
269	Rewa	Rewa	Mauganj (NP)	1	3.00
270	Rewa	Rewa	Naigarhi (NP)	1	1.20
271	Rewa	Sidhi	Rampur Naikin (NP)	1	1.50
272	Rewa	Rewa	Semaria (NP)	1	1.50
273	Rewa	Rewa	Sirmour (NP)	1	1.50
274	Rewa	Rewa	Teonthar (NP)	1	2.00
275	Sagar	Panna	Ajaigarh	1	2.00
276	Sagar	Panna	Amanganj	1	1.50
277	Rewa	Shahdol	Beohari	1	3.50
278	Rewa	Shahdol	Burhar	1	2.50
279	Jabalpur	Seoni	Chapara	1	2.50
280	Sagar	Panna	Devedranagar	1	1.50

Annexure 7					
SBM-2.0 (U)					
Used Water Management Projects					
S.No	Division	District	Name of the ULB	No of STPs	Cumulative Capacity in MLD
281	Sagar	Panna	Gunnor	1	1.50
282	Sagar	Panna	Kakarhati	1	1.00
283	Jabalpur	Jabalpur	Panagar	1	3.50
284	Gwalior	Shivpuri	Khaniyadhana (NP)	1	2.00
285	Bhopal	SEHORE	ASHTA	1	5.50
286	Ujjain	Agar Malwa	Badagaon (NP)	1	0.80
287	Bhopal	RAISEN	BARELI	1	4.00
288	Bhopal	RAISEN	BEGUMGANJ	1	4.50
289	Bhopal	BHOPAL	BERASIA	1	4.00
290	Bhopal	Raisen	Deori (R)	1	1.50
291	Bhopal	VIDISHA	GANJBASODA	1	11.00
292	Bhopal	Sehore	Ichhawar (NP)	1	1.50
293	Bhopal	Sehore	Jawar (NP)	1	1.00
294	Bhopal	Sehore	Kothri (NP)	1	1.00
295	Bhopal	Vidisha	Kurwai (NP)	1	2.00
296	Bhopal	RAISEN	RAISEN	1	6.00
297	Bhopal	Sehore	Rehti	1	1.50
298	Ujjain	Agar Malwa	Nalkheda (NP)	1	2.00
299	Bhopal	RAISEN	MANDIDEEP	1	9.10
300	Ujjain	Ujjain	Unhel	1	1.00
301	Bhopal	VIDISHA	Lateri (NP)	1	2.00
302	Ujjain	Ujjain	Makdon (NP)	1	1.50
303	Ujjain	Ujjain	Tarana	1	3.50
304	Bhopal	Vidisha	Sironj	1	7.00
305	Bhopal	Vidisha	Shamshabad	1	1.50
306	Bhopal	Sehore	Shahganj	1	1.00
307	Bhopal	Betul	Bhainsdehi	1	1.50
308	Bhopal	Betul	Athner (NP)	1	1.50
309	Bhopal	Betul	Betul-Bazar (NP)	1	1.00
310	Bhopal	HOSHANGABAD	Babai (NP)	1	2.00
311	Bhopal	HOSHANGABAD	Vankhedi	1	2.50
312	Bhopal	BETUL	SARNI	2	12.00
313	Bhopal	BETUL	Ghodadogri	1	1.00
314	Bhopal	HARDA	Khirkhya (NP)	1	2.50
315	Bhopal	HOSHANGABAD	SEONI MALWA	1	4.00
316	Bhopal	BETUL	Shahpur	1	1.00
317	Bhopal	HARDA	Sirali	1	1.50
318	Bhopal	HOSHANGABAD	Sohagpur	1	3.00
319	Bhopal	HARDA	Timarni (NP)	1	3.00
320	Rewa	Anuppur	Bargaon (Amlai)	1	2.20

<b>Annexure 7</b>					
<b>SBM-2.0 (U)</b>					
<b>Used Water Management Projects</b>					
<b>S.No</b>	<b>Division</b>	<b>District</b>	<b>Name of the ULB</b>	<b>No of STPs</b>	<b>Cumulative Capacity in MLD</b>
321	Rewa	Anuppur	Jaithari (NP)	1	1.00
322	Indore	Indore	Sawer (NP)	1	2.00
323	Bhopal	Betul	Chicholi (NP)	1	1.00
324	Indore	INDORE	RAU	1	5.00
325	Rewa	Shahdol	Bakho	1	2.50
326	Rewa	Singrauli	Sarai	1	2.50
327	Rewa	Sidhi	Churhat (NP)	1	2.00
328	Bhopal	Raisen	Badi (NP)	1	2.00
329	Bhopal	Raisen	Gairatganj (NP)	1	2.00
330	Bhopal	Raisen	Obedullaganj (NP)	1	2.50
331	Bhopal	Raisen	Silwani (NP)	1	2.00
332	Bhopal	Raisen	Sultanpur (NP)	1	1.00
333	Bhopal	Raisen	Udaipura (NP)	1	2.00
334	Indore	Khargone	Bistaan	1	1.00
335	Indore	Khargone	KARAHI PADLIYA KHURD	1	1.00
336	Indore	Khargone	Kasrawad (NP)	1	2.50
337	Indore	Barwani	Khetia (NP)	1	2.00
338	Indore	Barwani	Niwali Burjurg	1	1.50
339	Indore	Barwani	Palsud (NP)	1	1.00
340	Indore	Barwani	Pansemal (NP)	1	1.00
341	Indore	Barwani	Rajpur (NP)	1	2.50
342	Indore	Barwani	Thikari	1	1.80
343	Gwalior	Shivpuri	Badarwas (NP)	1	1.50
344	Gwalior	Datia	Badoni (NP)	1	1.00
345	Gwalior	Shivpuri	Bairad	1	2.00
346	Gwalior	Datia	Bhander (NP)	1	3.00
347	Gwalior	Datia	Indergarh (NP)	1	2.50
348	Gwalior	Shivpuri	Karera (NP)	1	3.00
349	Gwalior	Shivpuri	Mangrauni	1	2.00
350	Gwalior	Shivpuri	Pichhore (NP)	1	1.50
351	Gwalior	Shivpuri	Pohari	1	2.00
352	Gwalior	Shivpuri	Rannod	1	1.50
353	Gwalior	Datia	Seondha (NP)	1	2.50
<b>Total</b>				<b>386</b>	<b>869</b>

## Existing and Proposed STP Capacity Under AMRUT 2.0

S.no	Division	District	ULB	Project	Tranch Type	SWAP as per Portal	Approval DPR YES/NO	Existing STP Capacity (mld)	Proposed STP Capacity (mld)
1	Jabalpur	Chhindwara	Chhindwara	Sewerage	Sewerage-3	5.00	YES	38	0
2	Jabalpur	Jabalpur	Jabalpur	Sewerage	Sewerage-3	759.62	NO	101	124.95
3	Jabalpur	Jabalpur	Jabalpur Cantt	Sewerage	Sewerage-2	86.00	YES	0	0
4	Jabalpur	MURWARA (KATNI)	Katni	Sewerage	Sewerage-3	34.70	YES	24.5	6
5	Jabalpur	Seoni	Seoni M	Sewerage	Sewerage-3	115.00	YES	0	15.2
6	Rewa	Rewa	Rewa	Sewerage	Sewerage-3	5.00	YES	28	0
7	Rewa	Satna	Satna	Sewerage	Sewerage-3	5.95	YES	48	0
8	Rewa	Singrauli	Singrauli	Sewerage	Sewerage-3	5.00	YES	31	0
9	Sagar	Chhatarpur	Chhatarpur	Sewerage	Sewerage-3	165.00	YES		23.4
10	Sagar	Damoh	Damoh	Sewerage	Sewerage-3	95.00	NO		14
11	Sagar	Sagar	Sagar	Sewerage	Sewerage-2	5.00	YES	43	0
12	Sagar	Sagar	Saugor Cantt	Sewerage	Sewerage-2	85.00	YES	0	5
13	Indore	Burhanpur	Burhanpur	Sewerage	Sewerage-2	85.00	YES	25.5	18
14	Indore	Dhar	Pithampur	Sewerage	Sewerage-3	160.00	YES	0	33
15	Indore	Indore	Indore	Sewerage	Sewerage-3	568.00	YES	412	120
16	Indore	Khandwa	Khandwa	Sewerage	Sewerage-3	205.37	YES	0	36
17	Indore	Khargone	Khargone	Sewerage	Sewerage-3	26.00	YES	17.6	0
18	Ujjain	Dewas	Dewas	Sewerage	Sewerage-3	52.00	YES	43	2
19	Ujjain	Mandsaur	Mandsaur	Sewerage	Sewerage-3	150.00	YES	0	24
20	Ujjain	Neemuch	Neemuch	Sewerage	Sewerage-3	10.00	YES	16	1.85
21	Ujjain	Ratlam	Ratlam	Sewerage	Sewerage-2	44.00	YES	37	0
22	Ujjain	Ujjain	Nagda	Sewerage	Sewerage-3	75.00	YES	0	1.35
23	Ujjain	Ujjain	Ujjain	Sewerage	Sewerage-3	278.00	YES	92.5	8
24	Bhopal	Betul	Betul	Sewerage	Sewerage-3	105.00	NO	0	16.24
25	Bhopal	Bhopal	Bhopal	Sewerage	Sewerage-3	1009.79	YES	204	171
26	Bhopal	Hoshangabad	Hoshangabad	Sewerage	Sewerage-3	0.99	NO	0	0
27	Bhopal	Sehore	Sehore	Sewerage	Sewerage-2	25.00	YES	12	2
28	Bhopal	Vidisha	Vidisha	Sewerage	Sewerage-3	20.00	YES	22.5	0
29	Gwalior	Bhind	Bhind	Sewerage	Sewerage-3	125.00	YES	12	17.5

**Sewerage Projects Details (AMRUT 2.0)**

30	Gwalior	Datia	Datia	Sewerage	Sewerage-3	70.00	YES	12	5
31	Gwalior	Guna	Guna	Sewerage	Sewerage-3	30.00	NO	22.2	5
32	Gwalior	Gwalior	Dabra	Sewerage	Sewerage-3	111.60	YES		12
33	Gwalior	Gwalior	Gwalior	Sewerage	Sewerage-3	100.00	NO	222	0
34	Gwalior	Gwalior	Morar Cantt	Sewerage	Sewerage-2	80.00	NO		13
35	Gwalior	Morena	Morena	Sewerage	Sewerage-3	175.00	YES	25	21
36	Gwalior	Shivpuri	Shivpuri	Sewerage	Sewerage-3	60.00	NO	20	0
<b>Total</b>						<b>4932.02</b>			<b>695.49</b>

# Annexure 8

## ULB wise Ring Fenced allocations

## Ring Fenced Amount SBM 2.0 (U)

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
1	AMLA	1.15	0.97	0.19	8.746	7.87	0.87	9.90	8.84	1.06
2	ATHNER	0.49	0.41	0.08	3.51	3.16	0.35	4.00	3.57	0.43
3	BETUL	13.65	8.73	4.92	0	0.00	0.00	13.65	8.73	4.92
4	BETUL BAZAAR	0.29	0.23	0.05	3	2.70	0.30	3.29	2.93	0.35
5	BHAINSDEHI	0.49	0.41	0.08	3.87	3.48	0.39	4.36	3.90	0.47
6	CHICHOLI	0.33	0.28	0.06	3.055	2.75	0.31	3.39	3.03	0.36
7	GHODADOGRI	0.45	0.38	0.07	2.74	2.47	0.27	3.19	2.84	0.34
8	MULTAI	1.68	1.44	0.24	8.68	7.81	0.87	10.36	9.25	1.11
9	SARNI	4.39	3.43	0.95	38.53	34.68	3.85	42.92	38.11	4.81
10	SHAHPUR	0.60	0.42	0.19	3.85	3.47	0.39	4.45	3.88	0.57
11	BERASIA	3.10	2.56	0.55	10.01	9.01	1.00	13.11	11.57	1.55
12	BHOPAL	39.24	15.51	23.74	26.01	13.01	13.01	65.25	28.52	36.74
13	HARDA	4.00	3.32	0.67	31.2026	28.08	3.12	35.20	31.41	3.79
14	KHIRKIYA	1.02	0.83	0.18	6.65	5.99	0.67	7.67	6.82	0.85
15	SIRALI	0.56	0.47	0.09	5.33	4.80	0.53	5.89	5.27	0.62
16	TIMARNI	1.22	1.02	0.20	7.79	7.01	0.78	9.01	8.03	0.98
17	BABAI	0.67	0.56	0.11	5.24	4.72	0.52	5.91	5.28	0.64
18	HOSHANGABAD	4.88	2.85	2.03	0.5	0.33	0.17	5.38	3.18	2.20
19	ITARSI	5.49	4.66	0.83	76.81	69.13	7.68	82.30	73.79	8.51
20	PIPARIYA_M	2.38	2.01	0.38	14.92	13.43	1.49	17.30	15.44	1.87
21	SEONI MALWA	2.29	1.97	0.31	10.47	9.42	1.05	12.76	11.40	1.36
22	SOHAGPUR	1.65	1.41	0.24	8	7.20	0.80	9.65	8.61	1.04
23	VANKHEDI	0.26	0.20	0.06	6.38	5.74	0.64	6.64	5.94	0.70
24	BAADI	0.89	0.76	0.13	5.51	4.96	0.55	6.40	5.72	0.68
25	BARELI	2.46	2.14	0.31	8.96	8.06	0.90	11.42	10.21	1.21
26	BEGUMGANJ	1.03	0.86	0.17	11.07	9.96	1.11	12.10	10.82	1.28
27	DEORI_R	0.53	0.44	0.09	3.76	3.38	0.38	4.29	3.82	0.47
28	GAIRATGANJ	0.77	0.65	0.12	5.37	4.83	0.54	6.14	5.49	0.65
29	MANDIDEEP	7.31	6.45	0.86	47.32	42.59	4.73	54.63	49.04	5.59
30	OBEDULLAGANJ	1.04	0.89	0.15	6.6199	5.96	0.66	7.66	6.84	0.81
31	RAISEN	1.81	1.53	0.27	14.42	12.98	1.44	16.23	14.51	1.72
32	SANCHI	0.22	0.18	0.04	0.25	0.23	0.03	0.47	0.41	0.07
33	SILWANI	0.79	0.67	0.12	5.24	4.72	0.52	6.03	5.39	0.64
34	SULTANPUR_R	0.47	0.40	0.07	3.64	3.28	0.36	4.11	3.67	0.43
35	UDAIPURA	0.83	0.71	0.12	5.13	4.62	0.51	5.96	5.32	0.63
36	BIAORA	2.99	2.56	0.43	15.25	13.73	1.53	18.24	16.28	1.96
37	BODA	0.46	0.38	0.07	2.78	2.50	0.28	3.24	2.89	0.35
38	CHHAPIHEDA	0.39	0.33	0.06	2.69	2.42	0.27	3.08	2.75	0.33
39	JEERAPUR	1.00	0.84	0.16	7.41	6.67	0.74	8.41	7.51	0.90
40	KHILCHIPUR	0.87	0.73	0.14	5.47	4.92	0.55	6.34	5.66	0.69
41	KHUJNER	0.44	0.37	0.07	3.09	2.78	0.31	3.53	3.15	0.38
42	KURAWAR	0.80	0.68	0.12	5.07	4.56	0.51	5.87	5.24	0.63
43	MACHALPUR	0.44	0.37	0.07	3.22	2.90	0.32	3.66	3.27	0.39
44	NARSINGHGARH	2.20	1.89	0.31	10.28	9.25	1.03	12.48	11.14	1.34

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
45	PACHORE	1.45	1.23	0.22	8.71	7.84	0.87	10.16	9.07	1.09
46	RAJGARH_R	1.97	1.69	0.28	9.86	8.87	0.99	11.83	10.57	1.26
47	SARANGPUR	2.06	1.76	0.30	11.53	10.38	1.15	13.59	12.14	1.45
48	SUTHALIA	0.49	0.41	0.08	3.47	3.12	0.35	3.96	3.53	0.42
49	TALEN	0.49	0.41	0.08	3.42	3.08	0.34	3.91	3.49	0.42
50	ASHTA	2.32	1.94	0.39	23.63	21.27	2.36	25.95	23.20	2.75
51	BUDNI	0.41	0.32	0.09	0.5	0.45	0.05	0.91	0.77	0.14
52	ICHHAWAR	0.65	0.54	0.11	5.03	4.53	0.50	5.68	5.07	0.61
53	JAWAR	0.20	0.15	0.04	2.46	2.21	0.25	2.66	2.37	0.29
54	KOTHRI	0.45	0.38	0.08	3.61	3.25	0.36	4.06	3.63	0.44
55	NASRULLAGANJ	1.74	1.50	0.24	0.083	0.08	0.01	1.82	1.57	0.25
56	REHTI	0.50	0.42	0.08	4.47	4.02	0.45	4.97	4.44	0.53
57	SEHORE	10.94	6.88	4.07	1	0.67	0.33	11.94	7.54	4.40
58	SHAHGANJ	0.29	0.24	0.05	2.39	2.15	0.24	2.68	2.39	0.29
59	GANJBASODA	5.19	3.68	1.51	35.23	31.71	3.52	40.42	35.38	5.03
60	KURWAI	0.74	0.60	0.14	5.05	4.55	0.51	5.79	5.15	0.64
61	LATERI	0.87	0.73	0.14	6.5	5.85	0.65	7.37	6.58	0.79
62	SHAMSHABAD	0.69	0.53	0.16	3.69	3.32	0.37	4.38	3.85	0.53
63	SIRONJ	2.09	1.85	0.24	23.58	21.22	2.36	25.67	23.07	2.60
64	VIDISHA	10.41	6.82	3.59	0.5	0.33	0.17	10.91	7.15	3.76
65	ASHOKNAGAR	7.57	6.46	1.10	35.35	31.82	3.54	42.92	38.28	4.64
66	CHANDERI	3.08	2.64	0.45	10.56	9.50	1.06	13.64	12.14	1.51
67	ESAGARH	0.60	0.49	0.11	3.69	3.32	0.37	4.29	3.81	0.48
68	MUNGAOLI	2.10	1.78	0.32	9.48	8.53	0.95	11.58	10.31	1.27
69	PIPARAI	0.90	0.77	0.13	7.2745	6.55	0.73	8.17	7.31	0.86
70	SHADORA	0.56	0.48	0.09	5.18	4.66	0.52	5.74	5.14	0.60
71	AKODA	0.57	0.49	0.08	3.53	3.18	0.35	4.10	3.66	0.44
72	ALAMPUR	0.43	0.36	0.07	3.5	3.15	0.35	3.93	3.51	0.42
73	BHIND	25.03	16.04	8.99	0	0.00	0.00	25.03	16.04	8.99
74	DABOH	0.73	0.61	0.12	5.29	4.76	0.53	6.02	5.37	0.65
75	GOHAD	3.08	2.64	0.44	26.906	24.22	2.69	29.99	26.86	3.13
76	GORMI	0.95	0.81	0.14	5.86	5.27	0.59	6.81	6.08	0.73
77	LAHAR	1.81	1.55	0.26	10.61	9.55	1.06	12.42	11.10	1.32
78	MALANPUR	0.53	0.48	0.05	4.92	4.43	0.49	5.45	4.91	0.54
79	MAU	0.60	0.50	0.10	5.67	5.10	0.57	6.27	5.60	0.67
80	MEHGAON	0.97	0.83	0.14	7	6.30	0.70	7.97	7.13	0.84
81	MIHONA	0.77	0.66	0.11	4.76	4.28	0.48	5.53	4.94	0.59
82	PHUPKALAN	0.58	0.49	0.09	3.56	3.20	0.36	4.14	3.70	0.44
83	RAUN	0.97	0.86	0.12	8.9	8.01	0.89	9.87	8.87	1.01
84	BADONI	0.47	0.40	0.07	2.9	2.61	0.29	3.37	3.01	0.36
85	BHANDER	2.19	1.91	0.29	7.28	6.55	0.73	9.47	8.46	1.01
86	DATIA	7.29	4.52	2.77	2.25	1.49	0.77	9.54	6.01	3.54
87	INDERGARH_MP	1.90	1.65	0.25	6.67	6.00	0.67	8.57	7.66	0.92
88	SEONDHA	1.62	1.41	0.21	6.86	6.17	0.69	8.48	7.58	0.90
89	ARON	1.25	1.06	0.20	9.7727	8.80	0.98	11.03	9.85	1.18
90	CHACHODABINAGANJ	1.01	0.85	0.16	7.903	7.11	0.79	8.91	7.96	0.95

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
91	GUNA	15.61	9.79	5.83	0	0.00	0.00	15.61	9.79	5.83
92	KUMBHRAJ	0.91	0.76	0.14	5.9951	5.40	0.60	6.90	6.16	0.74
93	MADHUSUDANGARH	0.89	0.77	0.12	7.2256	6.50	0.72	8.11	7.27	0.84
94	RADHOGARH	4.61	3.99	0.62	26.6069	23.95	2.66	31.22	27.93	3.28
95	ANTRI	0.43	0.39	0.04	3.1267	2.81	0.31	3.55	3.20	0.35
96	BILAUA	0.55	0.50	0.05	3.9769	3.58	0.40	4.53	4.08	0.45
97	BITARWAR	0.82	0.69	0.13	5.719	5.15	0.57	6.54	5.84	0.70
98	DABRA	2.54	2.12	0.42	0	0.00	0.00	2.54	2.12	0.42
99	GWALIOR	184.75	92.54	92.22	12	6.00	6.00	196.75	98.54	98.22
100	MOHNA	0.80	0.72	0.08	7.0248	6.32	0.70	7.82	7.05	0.78
101	PICHHORE	0.56	0.46	0.10	5.1329	4.62	0.51	5.69	5.08	0.62
102	AMBAH	2.70	2.25	0.45	14.46	13.01	1.45	17.16	15.27	1.89
103	BAMORE	3.58	3.10	0.48	9.24	8.32	0.92	12.82	11.41	1.40
104	JAURA	2.63	2.21	0.42	12.86	11.57	1.29	15.49	13.78	1.71
105	JHUNDPURA	0.46	0.38	0.08	2.999949	2.70	0.30	3.46	3.08	0.38
106	KAILARAS	1.89	1.61	0.29	8.2854	7.46	0.83	10.18	9.06	1.11
107	MORENA	26.71	17.42	9.30	3	1.98	1.02	29.71	19.40	10.32
108	PORSA	1.88	1.54	0.34	12.1604	10.94	1.22	14.04	12.48	1.55
109	SABALGARH	2.18	1.82	0.37	12.35	11.12	1.24	14.53	12.93	1.60
110	BADODA	0.78	0.66	0.12	5.1983	4.68	0.52	5.98	5.34	0.64
111	BIJAYPUR	0.74	0.61	0.14	4.9534	4.46	0.50	5.70	5.06	0.63
112	SHEOPUR	4.47	3.88	0.59	29.42	26.48	2.94	33.89	30.36	3.53
113	BADARWAS	0.42	0.35	0.07	3.82	3.44	0.38	4.24	3.78	0.45
114	BAIRAD	0.72	0.61	0.11	5.15	4.64	0.52	5.87	5.24	0.63
115	KARERA	1.15	0.97	0.17	8.26	7.43	0.83	9.41	8.41	1.00
116	KHANIADHANA	0.56	0.44	0.12	4.47	4.02	0.45	5.03	4.46	0.57
117	KOLARAS	0.58	0.48	0.10	5.56	5.00	0.56	6.14	5.49	0.66
118	MANGRAUNI	0.65	0.55	0.10	5.27	4.74	0.53	5.92	5.29	0.63
119	NARWAR	0.57	0.47	0.10	6.03	5.43	0.60	6.60	5.90	0.70
120	PICHHOR	0.55	0.46	0.09	3.5	3.15	0.35	4.05	3.61	0.44
121	POHARI	0.88	0.76	0.13	5.92	5.33	0.59	6.80	6.08	0.72
122	RANNOD	0.54	0.45	0.08	3.88	3.49	0.39	4.42	3.94	0.47
123	SHIVPURI	15.96	10.12	5.84	0.25	0.17	0.09	16.21	10.28	5.93
124	ALIRAJPUR	2.40	2.10	0.30	8.6648	7.80	0.87	11.07	9.90	1.17
125	BHAVRA	0.79	0.69	0.10	3.09	2.78	0.31	3.88	3.47	0.41
126	JOBAT	1.35	1.19	0.16	3.685	3.32	0.37	5.04	4.51	0.53
127	ANJAD	0.89	0.74	0.16	0	0.00	0.00	0.89	0.74	0.16
128	BADWANI	3.72	3.21	0.52	0.63	0.57	0.06	4.35	3.77	0.58
129	KHETIA	0.41	0.33	0.08	5.22	4.70	0.52	5.63	5.03	0.60
130	NIWALI BURJURG	0.86	0.74	0.12	4.43	3.99	0.44	5.29	4.73	0.56
131	PALSOOD	0.15	0.11	0.04	3.1956	2.88	0.32	3.35	2.98	0.36
132	PANSEMAL	0.50	0.42	0.08	2.5	2.25	0.25	3.00	2.67	0.33
133	RAJPUR_M	2.16	1.89	0.27	5.948	5.35	0.59	8.11	7.24	0.87
134	SENDHWA	4.91	4.27	0.64	0.976	0.88	0.10	5.89	5.15	0.74
135	THIKARI	0.45	0.38	0.07	5.6	5.04	0.56	6.05	5.42	0.63
136	BURHANPUR	30.49	18.64	11.85	0.3012	0.20	0.10	30.79	18.84	11.96

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
137	NEPANAGAR	3.57	3.02	0.55	10.45	9.41	1.05	14.02	12.43	1.59
138	SHAHPUR_B	0.72	0.65	0.07	4.6128	4.15	0.46	5.33	4.80	0.53
139	BADNAWAR	2.71	2.33	0.38	6.38	5.74	0.64	9.09	8.07	1.02
140	DAHI	0.22	0.15	0.07	2.39	2.15	0.24	2.61	2.30	0.31
141	DHAMNOD_D	2.57	2.12	0.45	0.19	0.17	0.02	2.76	2.29	0.46
142	DHAR	10.56	9.00	1.56	41.3628	37.23	4.14	51.92	46.23	5.69
143	DHARAMPURI	0.61	0.45	0.16	1.2	1.08	0.12	1.81	1.53	0.28
144	KUKSHI	3.42	2.91	0.51	9.19	8.27	0.92	12.61	11.18	1.43
145	MANAVAR	4.57	3.93	0.64	9.8	8.82	0.98	14.37	12.75	1.62
146	MANDAV	0.32	0.23	0.09	3.25	2.93	0.33	3.57	3.16	0.41
147	PITHAMPUR	6.63	4.22	2.41	0.192	0.13	0.06	6.83	4.35	2.47
148	RAJGARH_D	2.49	2.13	0.36	5.8	5.22	0.58	8.29	7.35	0.94
149	SARDARPUR	0.20	0.14	0.06	3.14	2.83	0.31	3.34	2.97	0.37
150	BETMA	2.14	1.91	0.23	4.5	4.05	0.45	6.64	5.96	0.68
151	DEPALPUR	0.50	0.43	0.07	4.92	4.43	0.49	5.42	4.86	0.56
152	GAUTAMPURA	0.49	0.42	0.07	4.1	3.69	0.41	4.59	4.11	0.48
153	HATHOD	0.26	0.22	0.04	4.1	3.69	0.41	4.36	3.91	0.45
154	INDORE	68.30	29.47	38.83	2.5	1.25	1.25	70.80	30.72	40.08
155	MANPUR	0.28	0.24	0.04	2.8	2.52	0.28	3.08	2.76	0.32
156	MHOWGAON	2.25	1.99	0.26	9.44	8.50	0.94	11.69	10.49	1.20
157	RAU	1.34	1.17	0.17	10.09	9.08	1.01	11.43	10.25	1.18
158	SANWER	0.56	0.48	0.07	4.54	4.09	0.45	5.10	4.57	0.53
159	JHABUA	4.83	4.27	0.56	11.21	10.09	1.12	16.04	14.36	1.68
160	MEGHNAGAR	0.43	0.36	0.07	3.92	3.53	0.39	4.35	3.89	0.46
161	PETLAWAD	2.11	1.86	0.24	4.27	3.84	0.43	6.38	5.71	0.67
162	RANAPUR	2.32	2.07	0.26	3.48	3.13	0.35	5.80	5.20	0.61
163	THANDLA	1.66	1.47	0.20	5.0492	4.54	0.50	6.71	6.01	0.70
164	CHHANERA	2.74	2.34	0.39	5.988	5.39	0.60	8.72	7.73	0.99
165	KHANDWA	25.33	15.52	9.81	2.064	1.37	0.70	27.39	16.89	10.50
166	MUNDI	0.43	0.32	0.11	3.71	3.34	0.37	4.14	3.66	0.48
167	OMKARESHWAR	0.10	0.07	0.03	0.2692	0.24	0.03	0.37	0.32	0.06
168	PANDHANA	0.36	0.25	0.11	3.85	3.47	0.39	4.21	3.71	0.49
169	PUNASA	0.47	0.38	0.09	4.38	3.94	0.44	4.85	4.32	0.52
170	BARWAHA	3.78	3.35	0.43	0.75	0.68	0.08	4.53	4.03	0.50
171	BHIKANGAON	2.52	2.24	0.28	4.8558	4.37	0.49	7.37	6.61	0.77
172	BISTAAN	0.83	0.73	0.10	3.8059	3.43	0.38	4.63	4.15	0.48
173	KARHI PANDLYA	0.27	0.23	0.04	3.49	3.14	0.35	3.76	3.37	0.39
174	KASRAWAD	1.73	1.51	0.22	7.38	6.64	0.74	9.11	8.15	0.95
175	KHARGONE	10.22	6.53	3.70	1.0128	0.67	0.34	11.24	7.20	4.04
176	MAHESHWAR	3.14	2.78	0.36	0.2628	0.24	0.03	3.40	3.01	0.39
177	MANDLESHWAR	1.04	0.91	0.13	0.4912	0.44	0.05	1.53	1.35	0.18
178	SANAWAD	2.97	2.60	0.37	1.446	1.30	0.14	4.41	3.90	0.51
179	BAIHAR	0.78	0.65	0.13	4.87	4.38	0.49	5.65	5.03	0.62
180	BALAGHAT	6.81	5.78	1.03	36.74	33.07	3.67	43.55	38.84	4.71
181	KATANGI_B	0.82	0.67	0.15	4.54	4.09	0.45	5.36	4.76	0.60
182	LANGI	0.45	0.35	0.10	3.81	3.43	0.38	4.26	3.77	0.48

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
183	MALAJKHAND	1.36	1.08	0.28	9.61	8.65	0.96	10.97	9.73	1.24
184	WARASEONI	1.57	1.30	0.27	7.25	6.53	0.73	8.82	7.83	1.00
185	AMARWARA	0.49	0.38	0.10	4.16	3.74	0.42	4.65	4.13	0.52
186	BADKUHI	0.13	0.10	0.03	2.9	2.61	0.29	3.03	2.71	0.32
187	BICHHUUA	0.28	0.22	0.05	1.79	1.61	0.18	2.07	1.84	0.23
188	CHAND	0.37	0.29	0.08	3.17	2.85	0.32	3.54	3.15	0.39
189	CHANDAMETA BUTARIA	0.71	0.60	0.10	4.61	4.15	0.46	5.32	4.75	0.57
190	CHHINDWARA	9.98	6.09	3.89	2	1.33	0.67	11.98	7.42	4.56
191	CHORAI	0.44	0.35	0.09	3.77	3.39	0.38	4.21	3.74	0.47
192	DAMUA	0.81	0.67	0.13	6.93	6.24	0.69	7.74	6.91	0.83
193	DONGAR PARASIYA	1.63	1.38	0.25	12.57	11.31	1.26	14.20	12.69	1.51
194	HARRAI	0.34	0.29	0.06	3.82	3.44	0.38	4.16	3.72	0.44
195	JUNNARDEO	1.30	1.12	0.18	6.76	6.08	0.68	8.06	7.21	0.85
196	LODHIKHEDA	0.35	0.30	0.06	2.85	2.57	0.29	3.20	2.86	0.34
197	MOHGAON	0.29	0.24	0.05	2.786	2.51	0.28	3.08	2.75	0.33
198	NEWTONCHIKHLI	0.29	0.24	0.05	2.84	2.56	0.28	3.13	2.80	0.33
199	PANDHURNA	4.32	3.80	0.53	13.98	12.58	1.40	18.30	16.38	1.93
200	PIPLANARAYANWAR	0.24	0.20	0.04	2.42	2.18	0.24	2.66	2.38	0.28
201	SAUSAR	0.97	0.82	0.15	7.84	7.06	0.78	8.81	7.88	0.94
202	DINDORI_D	0.99	0.83	0.17	0.5	0.45	0.05	1.49	1.28	0.22
203	SHAHPURA_D	0.73	0.65	0.07	3.71	3.34	0.37	4.44	3.99	0.44
204	BERALA_M	0.00	0.00	0.00	3.55	3.20	0.36	3.55	3.20	0.36
205	BHEDAGHAT	0.00	0.00	0.00	0.25	0.23	0.03	0.25	0.23	0.03
206	JABALPUR	53.51	24.11	29.41	2.55	1.28	1.28	56.06	25.38	30.68
207	KATANGI_J	0.00	0.00	0.00	5.961	5.36	0.60	5.96	5.36	0.60
208	MANJHOLI_J	0.00	0.00	0.00	4.41	3.97	0.44	4.41	3.97	0.44
209	PANAGAR	0.00	0.00	0.00	8.85	7.97	0.89	8.85	7.97	0.89
210	PATAN_MP	0.00	0.00	0.00	4.11	3.70	0.41	4.11	3.70	0.41
211	SHAHPUR BHITONI	0.00	0.00	0.00	3.83	3.45	0.38	3.83	3.45	0.38
212	SIHORA	0.00	0.00	0.00	13.58	12.22	1.36	13.58	12.22	1.36
213	BAMHANI	0.42	0.35	0.07	2.89	2.60	0.29	3.31	2.95	0.36
214	BHUA BHICHHIA	0.39	0.31	0.07	2.93	2.64	0.29	3.32	2.95	0.36
215	MANDLA	5.43	4.71	0.72	0.38	0.34	0.04	5.81	5.06	0.76
216	NAINPUR	1.81	1.55	0.26	6.95	6.26	0.70	8.76	7.80	0.95
217	NIWAS	0.33	0.27	0.06	2.5	2.25	0.25	2.83	2.52	0.31
218	BARHI	0.00	0.00	0.00	4.1	3.69	0.41	4.10	3.69	0.41
219	KATNI	0.00	0.00	0.00	3.25	2.15	1.10	3.25	2.15	1.10
220	KYMORE	0.00	0.00	0.00	5.426	4.88	0.54	5.43	4.88	0.54
221	VIJAY RADHOGARH	0.00	0.00	0.00	4.48	4.03	0.45	4.48	4.03	0.45
222	CHICHLI	0.00	0.00	0.00	4.26	3.83	0.43	4.26	3.83	0.43
223	GADARWARA	0.00	0.00	0.00	14.34	12.91	1.43	14.34	12.91	1.43
224	GOTEGAON	0.00	0.00	0.00	8.61	7.75	0.86	8.61	7.75	0.86
225	KARELI	0.00	0.00	0.00	9.42	8.48	0.94	9.42	8.48	0.94
226	NARSINGHPUR	0.00	0.00	0.00	0.38	0.34	0.04	0.38	0.34	0.04
227	SAINKHEDA	0.00	0.00	0.00	1.6	1.44	0.16	1.60	1.44	0.16
228	SALICHOKA	0.00	0.00	0.00	4.17	3.75	0.42	4.17	3.75	0.42

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
229	TENDUKHEDA_N	0.00	0.00	0.00	5	4.50	0.50	5.00	4.50	0.50
230	BARGHAT	0.37	0.29	0.08	3.47	3.12	0.35	3.84	3.41	0.43
231	CHAPARA	0.96	0.79	0.17	5.97	5.37	0.60	6.93	6.16	0.77
232	KEWLARI	1.03	0.85	0.19	7.5785	6.82	0.76	8.61	7.67	0.94
233	LAKHNADOAN	0.76	0.62	0.14	5.26	4.73	0.53	6.02	5.35	0.67
234	SEONI_M	15.39	10.04	5.35	0.25	0.17	0.09	15.64	10.21	5.43
235	AMARKANTAK	0.24	0.20	0.04	0.25	0.23	0.03	0.49	0.42	0.07
236	ANUPPUR	2.47	2.18	0.29	5.23	4.71	0.52	7.70	6.89	0.81
237	BANGAWAN (RAJNAGAR)	0.94	0.78	0.16	7.02	6.32	0.70	7.96	7.10	0.86
238	BARGAON (Amlai)	0.85	0.73	0.12	6.3102	5.68	0.63	7.16	6.41	0.76
239	BIJURI	1.42	1.13	0.29	10.19004	9.17	1.02	11.61	10.30	1.31
240	DOLA	0.45	0.36	0.09	3.05	2.75	0.31	3.50	3.10	0.39
241	DUMARKACHAR	0.46	0.37	0.09	3.01	2.71	0.30	3.47	3.08	0.39
242	JAITHARI	0.32	0.27	0.05	4.2675	3.84	0.43	4.59	4.11	0.48
243	KOTMA	1.23	0.97	0.26	9.3662	8.43	0.94	10.60	9.40	1.20
244	PASAN	1.17	0.92	0.25	10.7	9.63	1.07	11.87	10.55	1.32
245	BAIKUNTHPUR_M	0.00	0.00	0.00	2.89	2.60	0.29	2.89	2.60	0.29
246	CHAKGHAT	0.00	0.00	0.00	3.25	2.93	0.33	3.25	2.93	0.33
247	DABHOURA	0.80	0.72	0.08	2.76	2.48	0.28	3.56	3.20	0.36
248	GOVINDGARH	0.00	0.00	0.00	2.97	2.67	0.30	2.97	2.67	0.30
249	GURH	0.00	0.00	0.00	4.5	4.05	0.45	4.50	4.05	0.45
250	HANUMANA	0.00	0.00	0.00	4.72	4.25	0.47	4.72	4.25	0.47
251	MANGAVA	0.00	0.00	0.00	3.85	3.47	0.39	3.85	3.47	0.39
252	MAUGANJ	0.00	0.00	0.00	7.87	7.08	0.79	7.87	7.08	0.79
253	NAI GARHI	0.00	0.00	0.00	3.12	2.81	0.31	3.12	2.81	0.31
254	REWA	4.57	3.02	1.55	4.31	2.84	1.47	8.88	5.86	3.02
255	SEMARIA	0.00	0.00	0.00	3.93	3.54	0.39	3.93	3.54	0.39
256	SIRMOUR	0.00	0.00	0.00	3.34	3.01	0.33	3.34	3.01	0.33
257	THEOTHAR	0.00	0.00	0.00	4.94	4.45	0.49	4.94	4.45	0.49
258	AMARPATAN	0.00	0.00	0.00	5.46	4.91	0.55	5.46	4.91	0.55
259	BIRSINGHPUR	0.00	0.00	0.00	4.03	3.63	0.40	4.03	3.63	0.40
260	CHITRAKOOT	0.00	0.00	0.00	0.25	0.23	0.03	0.25	0.23	0.03
261	JAITWARA	0.00	0.00	0.00	2.72	2.45	0.27	2.72	2.45	0.27
262	KOTAR	0.00	0.00	0.00	2.12	1.91	0.21	2.12	1.91	0.21
263	KOTHI	0.00	0.00	0.00	2.47	2.22	0.25	2.47	2.22	0.25
264	MAIHAR	0.00	0.00	0.00	0.44	0.40	0.04	0.44	0.40	0.04
265	NAGOD	2.31	2.08	0.23	7.85	7.07	0.79	10.16	9.15	1.02
266	NEW RAMNAGAR	0.00	0.00	0.00	6.33	5.70	0.63	6.33	5.70	0.63
267	RAMPUR BHAGHELAN	0.00	0.00	0.00	3.84	3.46	0.38	3.84	3.46	0.38
268	SATNA	0.00	0.00	0.00	0.97	0.65	0.33	0.97	0.65	0.33
269	UCHEHRA	0.00	0.00	0.00	6.24	5.62	0.62	6.24	5.62	0.62
270	BAKHO	0.94	0.80	0.14	6.25	5.63	0.63	7.19	6.43	0.76
271	BEOHARI	1.69	1.38	0.31	7.87	7.08	0.79	9.56	8.46	1.09
272	BURHAR	0.88	0.75	0.13	5.43	4.89	0.54	6.31	5.64	0.67
273	DHANPURI	1.74	1.47	0.27	13.89002	12.50	1.39	15.63	13.97	1.66
274	JAYSINGH NAGAR	0.21	0.14	0.07	2.32	2.09	0.23	2.53	2.23	0.30

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
275	KHAND	0.33	0.23	0.09	3	2.70	0.30	3.33	2.93	0.39
276	SHAH DOL	5.85	4.78	1.07	2.134	1.92	0.21	7.99	6.70	1.29
277	CHURHAT	0.00	0.00	0.00	4.2135	3.79	0.42	4.21	3.79	0.42
278	MANJHOLI_S	0.00	0.00	0.00	3.6	3.24	0.36	3.60	3.24	0.36
279	RAMPURNEKIN	0.00	0.00	0.00	3.61	3.25	0.36	3.61	3.25	0.36
280	SIDDHI	0.00	0.00	0.00	24.11	21.70	2.41	24.11	21.70	2.41
281	BARGAON	1.03	0.89	0.14	7.44	6.70	0.74	8.47	7.58	0.89
282	SARAI	0.85	0.72	0.12	6.34	5.71	0.63	7.19	6.43	0.76
283	SINGRAULI	0.00	0.00	0.00	1.2	0.80	0.40	1.20	0.80	0.40
284	CHANDIA	0.57	0.44	0.14	4.97	4.47	0.50	5.54	4.91	0.63
285	MANPUR-U	0.85	0.73	0.12	6.02	5.42	0.60	6.87	6.15	0.72
286	NAWROZABAD	0.87	0.67	0.20	7.16	6.44	0.72	8.03	7.11	0.91
287	PALI_M	0.89	0.69	0.20	7.43	6.69	0.74	8.32	7.37	0.94
288	UMARIYA	1.34	1.04	0.30	10.56003	9.50	1.06	11.90	10.54	1.36
289	BADALMALHERA	0.75	0.62	0.13	5.16	4.64	0.52	5.91	5.27	0.64
290	BIJAWAR	0.97	0.82	0.15	7.02	6.32	0.70	7.99	7.13	0.86
291	BUXWAHA	0.50	0.40	0.11	4.12	3.71	0.41	4.62	4.10	0.52
292	CHANDALA	0.59	0.45	0.14	3.61	3.25	0.36	4.20	3.70	0.50
293	CHHATARPUR	13.37	8.76	4.60	3.15	2.08	1.07	16.52	10.84	5.68
294	GADIMALHARA	0.57	0.48	0.10	3.83	3.45	0.38	4.40	3.92	0.48
295	GHUWARA	0.64	0.52	0.12	3.74	3.37	0.37	4.38	3.88	0.49
296	HARPALPUR	0.86	0.72	0.14	5.21	4.69	0.52	6.07	5.41	0.66
297	KHAJURAO	1.38	1.17	0.21	0.35	0.32	0.04	1.73	1.49	0.24
298	LAVKUSH NAGAR	1.02	0.85	0.16	7.44	6.70	0.74	8.46	7.55	0.91
299	MAHARAJPUR	1.02	0.85	0.17	7.56	6.80	0.76	8.58	7.66	0.92
300	NOGAON	1.65	1.37	0.28	12.42	11.18	1.24	14.07	12.55	1.52
301	RAJNAGAR	0.66	0.55	0.11	0.8	0.72	0.08	1.46	1.27	0.19
302	SATAI	0.49	0.41	0.08	3.42	3.08	0.34	3.91	3.49	0.42
303	WARIGARH	0.41	0.35	0.07	2.91	2.62	0.29	3.32	2.96	0.36
304	DAMOH	8.46	5.25	3.21	0.15	0.10	0.05	8.61	5.35	3.26
305	HATTA	1.81	1.45	0.36	11.13	10.02	1.11	12.94	11.47	1.47
306	HINDORIYA	0.73	0.57	0.16	6.2488	5.62	0.62	6.98	6.19	0.79
307	PATERA	0.33	0.24	0.09	4.0437	3.64	0.40	4.38	3.88	0.49
308	PATHARIYA	0.98	0.76	0.21	6.6465	5.98	0.66	7.62	6.75	0.88
309	TENDUKHEDA_D	0.71	0.56	0.15	4.8	4.32	0.48	5.51	4.88	0.63
310	JERON KHALSA	0.39	0.31	0.08	2.65	2.39	0.27	3.04	2.70	0.34
311	NIWARI	1.08	0.87	0.21	7.67	6.90	0.77	8.75	7.77	0.98
312	ORCHHA	0.24	0.16	0.07	3.99	3.59	0.40	4.23	3.75	0.47
313	PRITHVIPUR	1.09	0.86	0.22	8.56	7.70	0.86	9.65	8.57	1.08
314	TARICHARKALA	0.31	0.25	0.06	3.16	2.84	0.32	3.47	3.09	0.38
315	AJAIGARH	0.78	0.59	0.18	5.23	4.71	0.52	6.01	5.30	0.70
316	AMANGANJ	0.64	0.49	0.15	4.35	3.92	0.44	4.99	4.40	0.59
317	DEVENDRA NAGAR	0.58	0.44	0.14	3.6	3.24	0.36	4.18	3.68	0.50
318	GUNNOR	0.99	0.82	0.18	3.852	3.47	0.39	4.85	4.28	0.56
319	KIKRATHI	0.42	0.33	0.10	2.38	2.14	0.24	2.80	2.47	0.33
320	PANNA	4.99	3.57	1.42	23.5628	21.21	2.36	28.55	24.77	3.78

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
321	PAWAI	0.67	0.51	0.16	4.07	3.66	0.41	4.74	4.17	0.56
322	BAANDRI	1.07	0.96	0.11	9.2	8.28	0.92	10.27	9.24	1.03
323	BANDA	0.00	0.00	0.00	10.8	9.72	1.08	10.80	9.72	1.08
324	BARODIYA KALAN	0.86	0.73	0.12	6.19	5.57	0.62	7.05	6.30	0.74
325	BILHARA	0.61	0.55	0.06	6.0932	5.48	0.61	6.70	6.03	0.67
326	BINA ETAWA	0.00	0.00	0.00	29.5691	26.61	2.96	29.57	26.61	2.96
327	DEORI_S	0.00	0.00	0.00	8	7.20	0.80	8.00	7.20	0.80
328	GARHAKOTA	0.00	0.00	0.00	10.06	9.05	1.01	10.06	9.05	1.01
329	KARRAPUR	0.75	0.64	0.11	5.4137	4.87	0.54	6.17	5.51	0.66
330	KHURAI	0.00	0.00	0.00	0.38	0.34	0.04	0.38	0.34	0.04
331	MAKRONIA	0.00	0.00	0.00	27.0921	24.38	2.71	27.09	24.38	2.71
332	MALTHAUN	0.83	0.74	0.08	7.2	6.48	0.72	8.03	7.22	0.80
333	RAHATGARH	0.00	0.00	0.00	9.8688	8.88	0.99	9.87	8.88	0.99
334	REHLI	0.00	0.00	0.00	9.7755	8.80	0.98	9.78	8.80	0.98
335	SAGAR	21.60	14.25	7.34	0.9	0.60	0.30	22.50	14.85	7.64
336	SHAHGARH	0.00	0.00	0.00	4.89	4.40	0.49	4.89	4.40	0.49
337	SHAHPUR_S	0.00	0.00	0.00	5.138	4.62	0.51	5.14	4.62	0.51
338	SURAKHI	0.67	0.60	0.07	6.84	6.16	0.68	7.51	6.76	0.75
339	BADAGAON_T	0.38	0.28	0.10	2.61	2.35	0.26	2.99	2.63	0.36
340	BALDEVGARH	0.38	0.30	0.08	3.24	2.92	0.32	3.62	3.22	0.40
341	JATARA	1.21	1.01	0.20	4.92	4.43	0.49	6.13	5.44	0.69
342	KARI	0.50	0.40	0.09	4.68	4.21	0.47	5.18	4.62	0.56
343	KHARGAPUR	0.65	0.52	0.13	4.72	4.25	0.47	5.37	4.77	0.60
344	LIDHORAKHAS	0.44	0.39	0.04	3.65	3.29	0.37	4.09	3.68	0.41
345	PALERA	0.78	0.63	0.15	6.12	5.51	0.61	6.90	6.14	0.76
346	TIKAMGARH	7.92	5.66	2.26	35.57	32.01	3.56	43.49	37.67	5.82
347	AGAR	2.22	1.90	0.32	11.61	10.45	1.16	13.83	12.35	1.48
348	BADAGAON_A	0.35	0.30	0.05	2.39	2.15	0.24	2.74	2.45	0.29
349	BARODE	0.53	0.45	0.09	4.07	3.66	0.41	4.60	4.11	0.50
350	KANAD	0.42	0.35	0.07	3.24	2.92	0.32	3.66	3.27	0.39
351	NALKHEDA	0.57	0.47	0.10	4.99	4.49	0.50	5.56	4.96	0.60
352	SOYATKALAN	0.52	0.43	0.09	4.34	3.91	0.43	4.86	4.34	0.53
353	SUSNER	0.70	0.59	0.11	4.62	4.16	0.46	5.32	4.74	0.57
354	BAGLI	0.21	0.15	0.06	2.9	2.61	0.29	3.11	2.76	0.35
355	BHAURASA	0.50	0.42	0.08	3.72	3.35	0.37	4.22	3.77	0.45
356	DEWAS	36.70	23.55	13.15	1.1	0.73	0.37	37.80	24.27	13.52
357	HATPIPLIYA	0.40	0.32	0.08	5.44	4.90	0.54	5.84	5.21	0.63
358	KANNOD	0.78	0.64	0.14	5.99	5.39	0.60	6.77	6.03	0.74
359	KANTHAPHOD	0.43	0.35	0.08	3.09	2.78	0.31	3.52	3.13	0.39
360	KARNAWAD	0.42	0.35	0.07	3.48	3.13	0.35	3.90	3.48	0.42
361	KHATEGAON	2.51	2.17	0.34	8.15	7.34	0.82	10.66	9.50	1.16
362	LOHARDA	0.18	0.13	0.05	2.95	2.66	0.30	3.13	2.78	0.35
363	NEEMAWAR	0.20	0.15	0.04	0.19	0.17	0.02	0.39	0.33	0.06
364	PIPALRAWAN	0.39	0.32	0.06	2.72	2.45	0.27	3.11	2.77	0.33
365	SATWAS	0.35	0.26	0.09	4.47	4.02	0.45	4.82	4.29	0.53
366	SONKATCH	0.70	0.59	0.11	5.01	4.51	0.50	5.71	5.10	0.61

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
367	TONKHURD	0.37	0.31	0.06	2.79	2.51	0.28	3.16	2.82	0.34
368	BHAINSODA MANDI	0.74	0.60	0.14	6.24	5.62	0.62	6.98	6.21	0.76
369	BHANPURA	0.95	0.76	0.18	6.25	5.63	0.63	7.20	6.39	0.81
370	GAROTH	0.67	0.53	0.13	4.43	3.99	0.44	5.10	4.52	0.57
371	MALHARGARH	0.34	0.27	0.07	2.34	2.11	0.23	2.68	2.38	0.30
372	MANDSAUR	9.80	6.26	3.54	4.196	3.78	0.42	14.00	10.04	3.96
373	NAGRI_M	0.14	0.09	0.04	2.63	2.37	0.26	2.77	2.46	0.31
374	NARAYANGARH	0.43	0.34	0.09	2.87	2.58	0.29	3.30	2.93	0.37
375	PIPALYA MANDI	0.62	0.49	0.13	4.63	4.17	0.46	5.25	4.66	0.59
376	SHYAMGARH	1.87	1.58	0.29	7.93	7.14	0.79	9.80	8.71	1.09
377	SITAMAU	0.67	0.55	0.13	4.29	3.86	0.43	4.96	4.41	0.56
378	SUWASRA	0.44	0.34	0.10	3.93	3.54	0.39	4.37	3.87	0.49
379	ATHANA	0.11	0.09	0.02	2.63	2.37	0.26	2.74	2.45	0.29
380	DIKEN	0.16	0.13	0.03	2.528	2.28	0.25	2.69	2.40	0.29
381	JAWAD	0.58	0.48	0.09	6.2	5.58	0.62	6.78	6.06	0.71
382	JEERAN	0.32	0.27	0.06	3.61	3.25	0.36	3.93	3.52	0.42
383	KUKDESHWAR	0.34	0.28	0.06	4.3728	3.94	0.44	4.72	4.22	0.50
384	MANASA	1.01	0.85	0.16	8.65	7.79	0.87	9.66	8.64	1.02
385	NAYAGAON	0.25	0.21	0.04	2.53	2.28	0.25	2.78	2.49	0.29
386	NEEMUCH	8.06	5.03	3.04	0	0.00	0.00	8.06	5.03	3.04
387	RAMPURA	0.63	0.53	0.10	5.17	4.65	0.52	5.80	5.19	0.62
388	RATANGARH_N_M	0.21	0.17	0.04	2.53	2.28	0.25	2.74	2.45	0.29
389	SARWANIA MAHARAJ	0.11	0.08	0.03	2.43	2.19	0.24	2.54	2.27	0.27
390	SINGOLI	0.23	0.19	0.04	2.68	2.41	0.27	2.91	2.60	0.31
391	ALOT	1.41	1.21	0.21	7.78	7.00	0.78	9.19	8.21	0.98
392	BADAWADA	0.20	0.16	0.04	2.63	2.37	0.26	2.83	2.52	0.31
393	DHAMNOD_R	0.20	0.14	0.06	2.35	2.12	0.24	2.55	2.26	0.29
394	JAWARA	4.62	3.82	0.80	33.23	29.91	3.32	37.85	33.72	4.13
395	NAMLI	0.27	0.20	0.07	2.93	2.64	0.29	3.20	2.84	0.36
396	PIPLODHA	0.20	0.14	0.06	3.4182	3.08	0.34	3.62	3.22	0.40
397	RATLAM	40.19	26.08	14.11	0.54	0.36	0.18	40.73	26.44	14.29
398	SAILANA	0.38	0.29	0.09	4.07	3.66	0.41	4.45	3.95	0.50
399	TAL	0.51	0.42	0.09	4.19	3.77	0.42	4.70	4.19	0.51
400	AKODIA	0.48	0.40	0.08	3.28	2.95	0.33	3.76	3.35	0.40
401	MAKSHI	0.92	0.78	0.14	5.714	5.14	0.57	6.64	5.92	0.71
402	PALAYKALA	0.36	0.30	0.07	3.81	3.43	0.38	4.17	3.73	0.45
403	PANKHEDI KALAPIPAL	0.31	0.24	0.06	3.3	2.97	0.33	3.61	3.21	0.39
404	SHAJAPUR	4.58	3.95	0.63	0.56	0.50	0.06	5.14	4.45	0.69
405	SHUJALPUR	1.48	1.20	0.28	21.9947	19.80	2.20	23.47	21.00	2.48
406	BADNAGAR	1.36	1.13	0.23	9.3092	8.38	0.93	10.67	9.51	1.16
407	KHACHROD	1.38	1.15	0.23	9.8095	8.83	0.98	11.19	9.98	1.21
408	MAHIDPUR	2.61	2.26	0.35	9.097	8.19	0.91	11.71	10.45	1.26
409	MAKDONE	0.34	0.27	0.06	3.28	2.95	0.33	3.62	3.23	0.39
410	NAGDA	10.71	6.77	3.93	0.6	0.40	0.20	11.31	7.17	4.14
411	TARANA	0.89	0.73	0.15	8.19	7.37	0.82	9.08	8.11	0.97
412	UJJAIN	55.31	35.31	20.00	4.206	2.78	1.43	59.52	38.09	21.43

Sr. No.	ULB Name	Solid Waste Projects Total Cost			Liquid Waste Projects Total Cost			SBM 2.0 Projects Total Cost		
		Total SWM Projects Cost (in Cr)	Total Grant un SWM (in Cr)	Total ULB Share in SWM (in Cr)	Total LWM Projects Cost (in Cr)	Total Grant in LWM (in Cr)	Total ULB Share in LWM (in Cr)	Total Projects Cost (in Cr)	Total Grant (in Cr)	Total ULB Share (in Cr)
413	UNHEL	0.48	0.39	0.09	4.34	3.91	0.43	4.82	4.30	0.52
	<b>Total</b>	<b>1191.87</b>	<b>783.12</b>	<b>408.76</b>	<b>2640.304</b>	<b>2351.015</b>	<b>289.289</b>	<b>3832.17</b>	<b>3134.14</b>	<b>698.05</b>