

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

Original Application No. 1181/2024

**In the Matter of:**

Neeraj Tiwari

.....Applicant

Versus

State of Uttar Pradesh & Ors.

.....Respondent(s)

**INDEX**

S. NO.	PARTICULARS	PAGE NO.
1.	AFFIDAVIT OF THE MUNICIPAL COMMISSIONER OF PRAYAGRAJ NAGAR NIGAM IN COMPLIANCE OF THE ORDER DATED 20.01.2025 PASSED BY THIS HON'BLE TRIBUNAL (LEGACY WASTE)	1-10A
2.	<b>Annexure-1:</b> A copy of the MNNIT Survey report dated 23/12/2022.	11-13
3.	<b>Annexure-2:</b> Copies of the MNNIT Survey report dated 01/03/2024 & 07/03/2024.	14-19
4.	<b>Annexure-3:</b> A copy of the MNNIT Survey report dated 24/01/2025.	20-30
5.	<b>Annexure-4:</b> Copies of the acknowledgement with the landowner for disposal of inert.	31-38

6.	<b>Annexure-5:</b> The details of the disposal of RDF along with the co-processing certificates issued by the respective cement plants.	39-61
7.	<b>Annexure-6:</b> the photographs of legacy waste remediation before and after the commencement of process.	62-63

Filed Through:



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New Delhi  
23.04.2025





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

Original Application No. 1181/2024

**In the Matter of:**

Neeraj Tiwari

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Versus

State of Uttar Pradesh & Ors.

.....Respondent(s)

**(LEGACY WASTE)**

**AFFIDAVIT OF THE MUNICIPAL COMMISSIONER OF  
PRAYAGRAJ NAGAR NIGAM IN COMPLIANCE OF THE ORDER  
DATED 20.01.2025 PASSED BY THIS HON'BLE TRIBUNAL**

I, Seelam Sai Teja S/o Sh. Seelam Sudhakar aged 29 years R/o 16-11-781/6/1 flat 204 vijetha shyamala towers, Moosaram bagh, malak pet, hyderabad, Hyderabad, Andhra Pradesh, 500036 do hereby solemnly affirm and state as under:

1. That I assumed the charge of Municipal Commissioner, Prayagraj Nagar Nigam recently on 17.04.2025. I have read the order dated 20.01.2025 passed by this Hon'ble Tribunal and also perused the records available in the office of the Nagar Nigam in relation to the present matter.



2. That this Hon'ble Tribunal vide order dated 20.01.2025 directed to file an affidavit giving full details of how the legacy waste has been cleared and utilisation of the residue and inert etc. received on the treatment of legacy waste.
3. That I have given all the details regarding legacy waste as per the details available in office and is also filing separate affidavit regarding generation of daily fresh waste and processing thereof and also the waste generated and processed during the Maha Khumbh.
4. That there are various stages involved in dealing with the Legacy Waste and the same are explained as under:

**Survey of Legacy Waste and Initial Work Order Allocation:**

5. That in compliance with the directives issued by the Hon'ble National Green Tribunal (NGT) time to time, the Prayagraj Municipal Corporation (PMC) duly approved a Detailed Project Report (DPR) for the remediation of 14,00,000 metric tonnes (MT) of legacy waste accumulated at the Baswar Plant, as per an assessment conducted by an independent private agency.
6. That pursuant to the said assessment, Prayagraj Nagar Nigam through a competitive bidding process, engaged two agencies named M/s Ecostan Infra Pvt. Ltd.



23-4-25

(Respondent No. 5) and M/s BVG India Limited (Respondent No. 6) and executed contract for 8,40,000 MT and 5,60,000 MT respectively, for the execution of legacy waste clearance.

7. That for validation and authentication of the estimated waste quantity, PMC commissioned a comprehensive survey by Motilal Nehru National Institute of Technology (MNNIT), which determined the initial volume of legacy waste at the Baswar Plant to be 1,328,678.72 cubic meters (cum). This volumetric estimate was subsequently converted to 1,328,678.72 metric tonnes (MT), applying a standard density factor of 1 MT/cum. A copy of the MNNIT Survey report dated 23/12/2022 is annexed herewith as **Annexure-1**.

**Subsequent Survey and Additional Work Order Allocation:**

8. That upon completion of the aforementioned contractual obligations, it was observed that a substantial quantity of legacy waste was still present at the site. Accordingly, PMC commissioned MNNIT to conduct a subsequent survey to assess the remaining waste. The revised assessment determined that a total of 10,78,136.00 cum (equivalent to 1,487,828.00 MT, with a density of 1.38 MT/cum and a permissible variation of 10%) of legacy waste had been cleared, while an estimated 542,987.672 cum (equivalent to 749,322.00 MT) of waste was still



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present at the site. Copies of the MNNIT Survey report dated 01/03/2024 & 07/03/2024 is annexed herewith as **Annexure-2.**

9. That based on the findings of the revised survey, PMC issued additional work orders for 4,50,000 MT to M/s Ecostan Infra Pvt. Ltd. on Dated 07<sup>th</sup> March 2024 and 3,00,000 MT to M/s BVG India Limited on Dated 07<sup>th</sup> March 2024, which have now been executed and completed in accordance with the contractual terms.
10. That upon completion of the aforementioned Work order, it was observed that a substantial quantity of legacy waste was still present at the site. Accordingly, PMC commissioned MNNIT to conduct a third phase survey to assess the remaining waste. The revised assessment determined that a total of 4,28,508.00 cum (equivalent to 8,14,165.00 MT, with a density of 1.90 MT/cum and a permissible variation of 5%) of legacy waste had been cleared, while an estimated 1,68,777.661 cum (equivalent to 3,20,676 MT) of waste was still present at the site. A copy of the MNNIT Survey report dated 24/01/2025 is annexed herewith as **Annexure-3.**
11. That based on the findings of the revised survey, PMC issued additional work orders for 1,92,407 MT to M/s Ecostan Infra Pvt. Ltd. on Dated 04<sup>th</sup> April 2025 and 1,28,271 MT to M/s BVG India Limited on Dated 07<sup>th</sup>



April 2025, for executing of work as per contractual terms.

**Methodology of Waste Quantification:**

12. That volumetric analysis methodology adopted by MNNIT was utilized to determine the quantity of legacy waste, which was subsequently converted to metric tonnes (MT) using density analysis. The density utilized for this conversion was derived from a scientific study of waste characteristics at the site.
13. That the agencies appointed by the PMC used the Legacy Waste Management Process as per procedure under Schedule-II (Standard of Processing and treatment of solid waste) under the Solid Waste Management Rules, 2006.

**Total quantity of Legacy waste : 25 Lakh MT.**

**Bio-mining of Legacy Waste:** The legacy waste is processed using bio-mining techniques to extract valuable materials.

**Trommel and ballistic separator:** The legacy waste is then treated using trommel technology to separate the waste into different fractions and to segregate it with Balastic separator.

**Bio soil and RDF Disposal:** The resulting RDF are disposed of to Cement plant/Waste to energy plant,



ensuring safe and environmentally friendly management. Both of the agencies' M/s Ecostan & BVG disposed of some inert and bio soil materials. On request of the landowner, the agency has utilized these materials to fill up a mined area belonging to a private party. Copies of the acknowledgement with the landowner for disposal of inert is annexed herewith as **Annexure-4.**

#### **Disposal of Byproducts:**

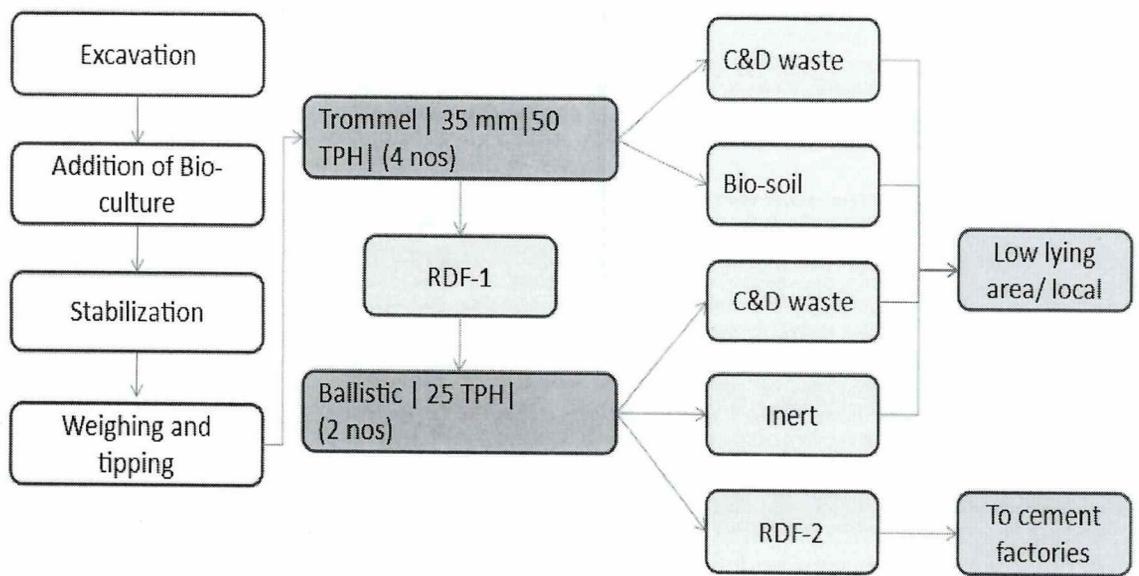
14. That as per the contractual obligations, the Refuse-Derived Fuel (RDF) generated from the waste processing was disposed of by the selected agencies at cement plants for co-processing. The details of the disposal of RDF along with the co-processing certificates issued by the respective cement plants are annexed herewith as **Annexure-5.**
15. That furthermore, the inert waste and bio-soil generated through this processing activity have been effectively utilized for filling low-lying areas in the vicinity, ensuring environmentally sustainable waste management.
16. That the process adopted by the agencies for disposal of legacy waste as per SMW Rules is also explained through flow chart as under:



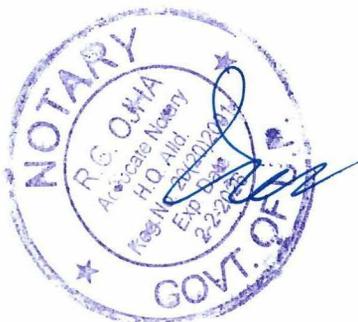
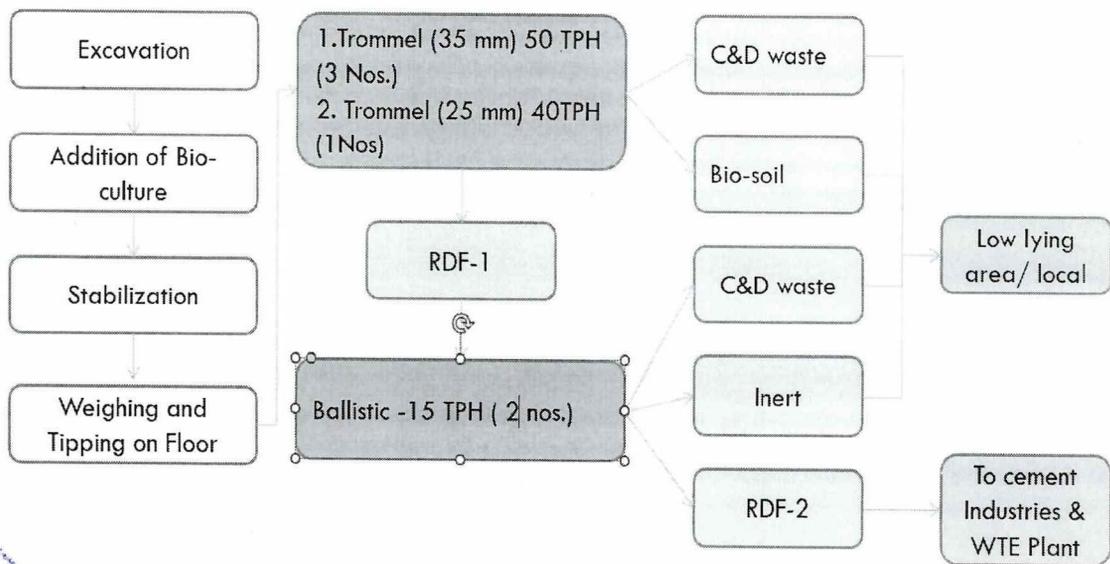
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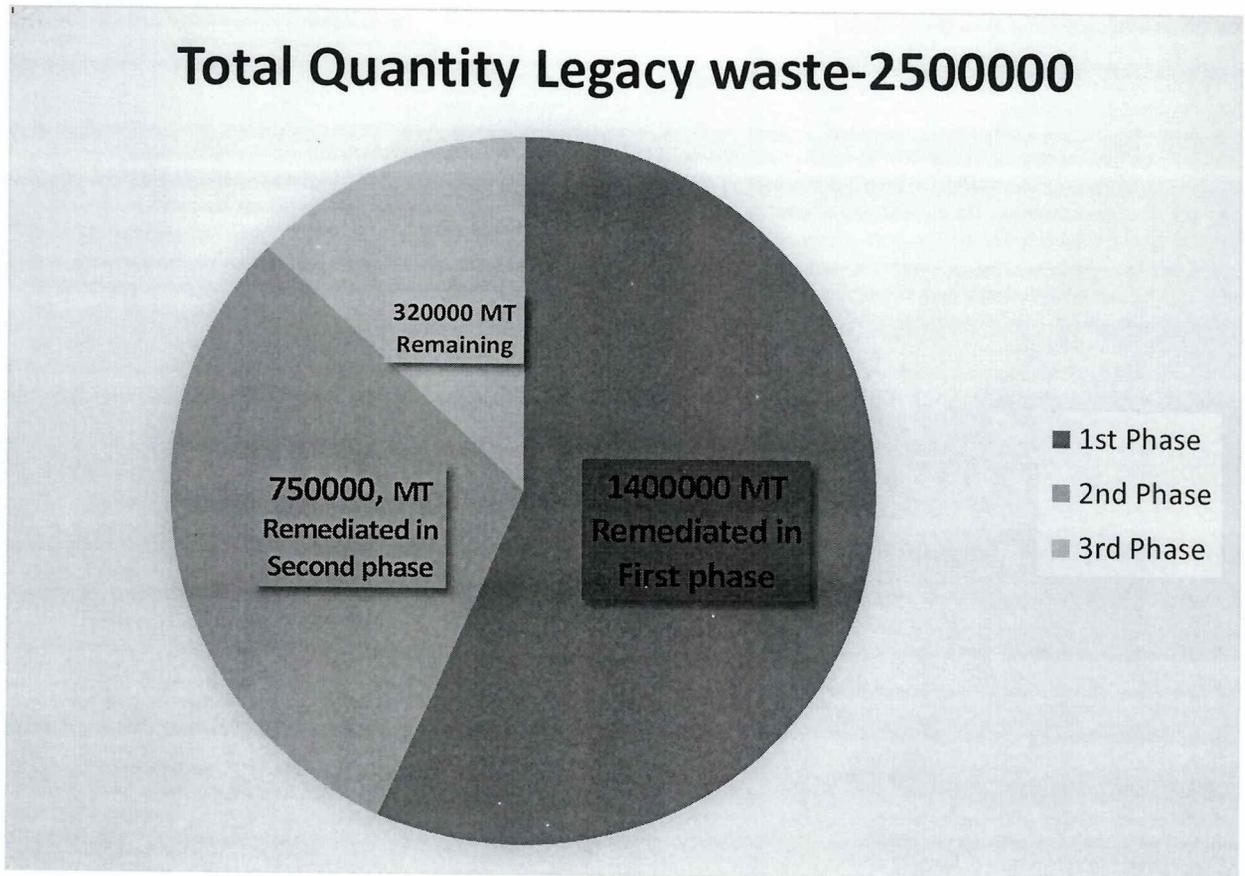
**Process flow Chart for Bio Mining of Legacy waste by M/s Ecostan Infra PVT LTD**



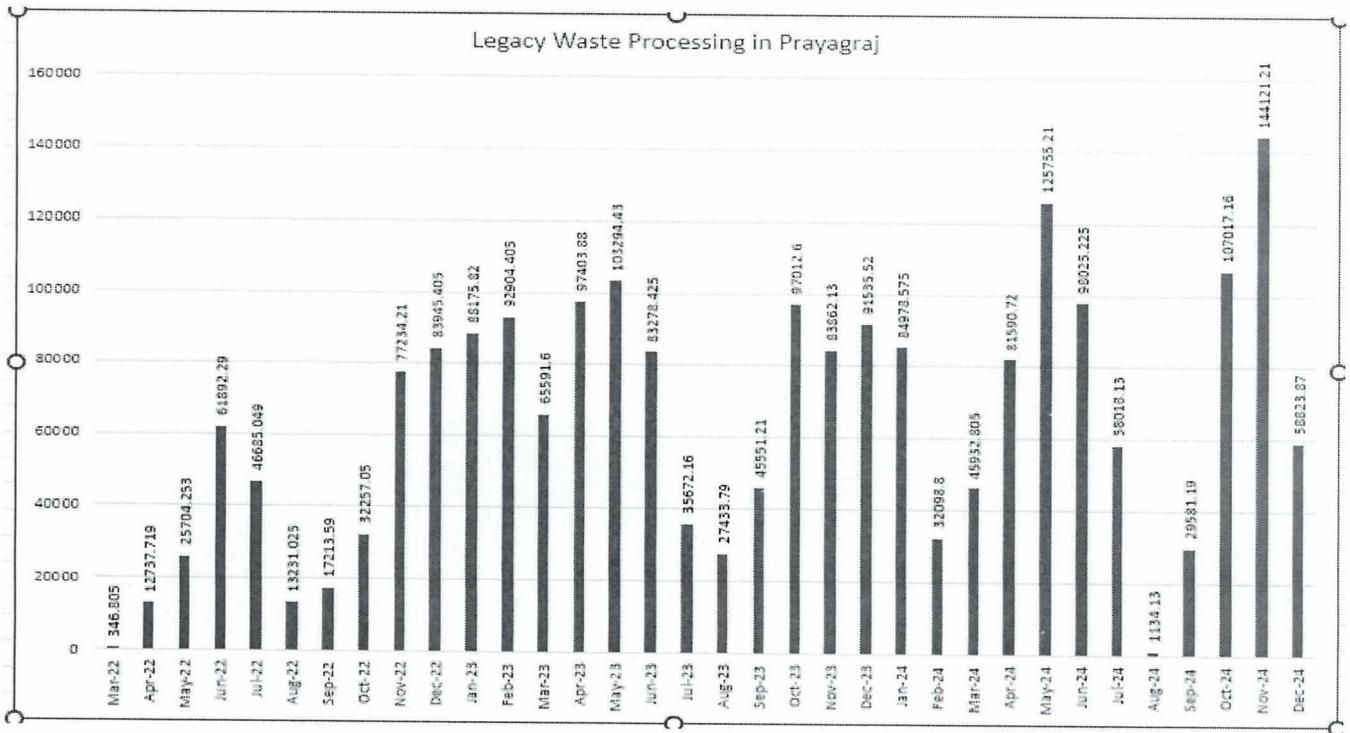
**Process flow Chart for Bio Mining of Legacy waste by BVG INDIA LTD.**



17. That the quantity of legacy waste disposed of and balance quantity at Baswar Plant is as under:



18. That the Month wise Legacy waste remediation Quantity of M/s Ecostan Infra and M/s BVG India from the month of March, 2022 is as under:



19. That the photographs of legacy waste remediation before and after the commencement of process are annexed as **Annexure-6**.

20. That Prayagraj Nagar Nigam is committed to complying with the Municipal Solid Waste Management Rules, 2016, and guidelines issued by CPCB and CPHEEO. The authority's efforts to manage legacy waste demonstrate its dedication to ensuring a clean and healthy environment for its citizens.



21. That the entire process has been executed in strict adherence to the Solid Waste Management Rules, 2016 and relevant guidelines issued by the Central Pollution Control Board (CPCB) and the Hon'ble National Green Tribunal (NGT). The selected agencies have fulfilled their obligations in accordance with the contractual provisions, ensuring proper disposal and environmental compliance.

*[Handwritten Signature]*  
**DEPONENT**

**VERIFICATION**

Verified at Prayagraj on 23<sup>rd</sup> day of April, 2025 that the factual contents of this affidavit are true and correct to my knowledge as derived from the records and that nothing stated herein is false and nothing material has been concealed therefrom.

*[Handwritten Signature]*  
**DEPONENT**



23-4-25

*[Handwritten Signature]*

*[Handwritten Signature]*  
**R. C. Ojha**  
Advocate Notary  
Dist. Head Quarter  
Allahabad

His/Her contents have been read and verified by me  
at Allahabad on the date mentioned above  
and the Documents are Attached.

*[Handwritten Signature]*  
**Hemant Chandra Singh**  
Advocate Notary  
Dist. Head Quarter Allahabad  
23-4-25

*[Handwritten Signature]*



भारत सरकार  
GOVERNMENT OF INDIA



भारतीय विशिष्ट पहचान प्राधिकरण  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA



శీలం సాయి తేజ  
Seelam Sai Teja  
DOB: 24-07-1995  
MALE

S/O శీలం సుధాకర్,  
గృహ-గణ-200/౬/౧  
విజేత క్యామల శివ  
బస్, మల్క్ పే  
హైదరాబాద్,  
500036

m Sudhakar,  
1 flat 204  
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6





जानपद अभियांत्रिकी विभाग  
मोतीलाल नेहरु राष्ट्रीय प्रद्योगिकी संस्थान इलाहाबाद  
प्रयागराज - 211004 (भारत)  
Civil Engineering Department  
Motilal Nehru National Institute of Technology Allahabad  
Prayagraj-211004 (India)

पत्रांक/ Letter No.: 1567 / CED/R&C/2022-23

दिनांक/ Dated: 23.12.2022

सेवा में/ To

The Municipal Commissioner,  
Prayagraj Nagar Nigam,  
Prayagraj (UP)

विषय/ Subject: Design Consultancy] रिपोर्ट / Report

सन्दर्भ/ References:

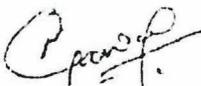
1. सेवार्थीपत्रांक / Client Letter No.: 74 Envi.2021-22 दिनांक /Dated:28.04.2022..
2. आवंटित विभागीय परामर्शसंख्या /Allotted Dept. Consultancy No.:85 .दिनांक /Dated:05.05.2022
3. अधिष्ठाता (शोध एवं परामर्श) प्रोजेक्ट संख्या/ Dean (R&C) Project No.CP/119/June/2022-23 दिनांक /Dated: 26.06.2022

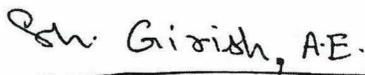
प्रिय महोदय / Dear Sir,

उपरोक्त के संदर्भ में, विभाग के संरचनात्मक / भू-तकनीकी / पर्यावरण / परिवहन / सर्वेक्षण प्रयोगशाला / अनुभाग द्वारा किए गए परीक्षण / परीक्षण एवं परामर्श / डिजाइन परामर्श कार्य की रिपोर्ट आपके विचार के लिए संलग्न है / With reference to the above, the report of the ~~Testing-Testing-cum-Consultancy/Design Consultancy~~ work carried out by ~~Structural/ Geotechnical/ Environmental/ Transportation/ Survey Laboratory/~~ section of the Department is attached herewith for your consideration.

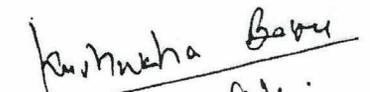
इस रिपोर्ट से संबंधित किसी भी स्पष्टीकरण के लिए कृपया हमसे संपर्क करें /Please feel free to contact us for any further clarification.

धन्यवाद/ Thanking You.

  
(Dr. N.R. Rawal)  
मुख्यअन्वेषक/ PI

  
Dr. Girish, A.E.

E.E.  
11/01/23

  
K. M. G. G. G.  
keep in file.  
Report + maps + C.  








Phone 0532-227 1301 (O)

जागपद अभियांत्रिकी विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज-211004 (भारत)  
Civil Engineering Department  
Motilal Nehru National Institute of Technology Allahabad  
Prayagraj-211004 (India)

Letter No.: 1567 / CED / R&C/2022-23

Date: 23.12.2022

### Baswar Legacy Waste Processing Facility Survey Report

The Legacy Waste Processing Facility of Prayagraj Municipal Corporation (PMC) is located and functional at Chaka Block, Baswar, Naini, Prayagraj, Uttar Pradesh. The survey was conducted with the total station in 29 June – 17 July, 2022 for quantification of Legacy waste accumulate at the Baswar waste disposal site. The following members were present at the start of surveying.

1. Er. Girish Kumar, A.E., PMC, Prayagraj
2. Shri Ashutosh Pandey, M/S Ecostan Pvt. Ltd.,
3. Shri Ashish Kumar Singh, M/S BVG India Ltd.
4. Dr. Nek Ram Rawal, Associate Professor, CED, MNNIT Allahabad

The total area of the Baswar processing site is about 53.85 acres. The legacy waste accumulated in the dumpsite has been quantified by the sum of a) the amount of waste accumulated above the ground level b) the amount of waste accumulated below the ground level (approx.) For that, the whole area is divided into 5 parts and the details are as:

S.No	Parts	Areas (m <sup>2</sup> )	(a) Quantity above GL (m <sup>3</sup> )	(b) Quantity below GL (m <sup>3</sup> )	Remarks
1.	Part 1	11994.37	64769.55	--	Not disposed below GL
2.	Part 2	49377.88	292317.00	178254.03	
3.	Part 3	58909.37	401761.90	279230.41	
4.	Part 4	10583.95	95255.55	--	Closed
5.	Part 5	1898.92	17090.28	--	Closed
<b>Total Quantity</b>			8,71,194.28	4,57,484.44	




  
 23.12.22



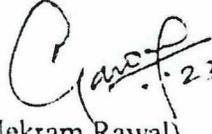
जानपद अभियांत्रिकी विभाग  
 मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
 प्रयागराज-211004 (भारत)  
 Civil Engineering Department  
 Motilal Nehru National Institute of Technology Allahabad  
 Prayagraj-211004 (India)

Phone 0532-227 1301 (O)

Total waste accumulation = (a) Quantity above GL + (b) Quantity below GL  
 = 8,71,194.28 + 4,57,484.44  
 = 13,28,678.72 m<sup>3</sup>

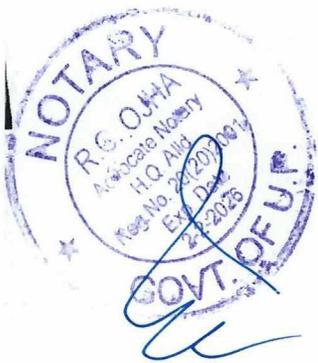
The density of legacy waste can be considered as 1 tonne per cubic metre as per the rule of thumb provided by the Central Public Health and Environmental Engineering Organization (CPHEEO).

Total waste accumulation is 13,28,678.72 tonne

  
 (Nekram Rawal)  
 Associate Professor, CED  
 MNNIT Allahabad, Prayagraj (UP)

Encl. Maps

1. SITE PLAN WASTE PROCESSING PLAN
2. CONTOUR PLAN WASTE PROCESSING PLAN
3. LEVEL PLAN WITH AREA & QUANTITY ABOVE G.L.
4. AREA & QUANTITY BELOW G.L. WASTE PROCESSING
5. AutoCAD File with CD





संलग्नक-3 ए



जानपद अभियंत्रण विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज-211004 (उ०प्र०) भारत  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology Allahabad  
Prayagraj-211004 (U.P.) India

L.No. 1962/CED/R&amp;C/2023-24

Date 07/03/2024

To  
The Municipal Commissioner  
Nagar Nigam  
Prayagraj-211001 U.P.)

Sub: Estimation of legacy waste decanted at Baswar MSW plant, Naini, Prayagraj till date.

Sir

With reference to your letter No. D.1140/Environment/2023-24 dated 21/02/2023 regarding the above cited subject. Please find attached herewith estimation of decanted legacy waste at Baswar MSW plant Naini, Prayagraj till date. This estimation was prepared based on a previous report submitted by the MNNIT, Allahabad through vide letter No. 1567/CED/R&C/2022-23 dated 23/12/2022 and present survey conducted by us.

Should you need any clarification please feel free to contact us any time according to your convenience.

Thanking you

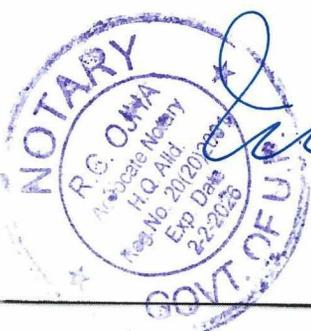
Sincerely yours,

*R.C. Vaishya*  
07/02/2024  
(Prof. R.C. Vaishya)  
P.I. of the Project



*Varun Singh*  
07/02/2024  
(Dr. Varun Singh)  
Co-P.I. of the Project

Encl: 1. Estimation report of legacy waste stored at Baswar MSW plant, Naini, Prayagraj.  
With site survey maps.  
2. Related maps



*[Signature]*

**Estimation Report on Decanted Legacy Waste Till Date**  
**at**  
**Baswar MSW Processing Plant, Naini, Prayagraj (U.P.)**

The project Estimation of Legacy Waste Decanted till Date at Baswar MSW Processing site was given to the Department of Civil Engineering, MNNIT, Allahabad by the Nagar Nigam Prayagraj vide letter No. D-1140/Environment/ 2024 dated 21/02/2024. The work was allotted to the PIs on 01/03/2024 and later the project was carried out by Prof. R.C.Vaishya and Dr. Varun Singh faculty members of the Civil Engineering Department. The Team MNNIT, Allahabad has already visited several times at site to carryout survey work using DGPS and Total Station and used auto level for leveling. The team MNNIT has good exposure of the site due to previous project works.

The following members were present from time to time during previous survey works conducted at the site from the Nagar Nigam Prayagraj side & others.

- |                          |  |
|--------------------------|--|
| 1. Er. Uttam Kumar Verma | Environmental Engineer, Nagar Nigam, Prayagraj |
| 2. Er. Girish Kumar      | Asst. Engineer, PMC Nagar Nigam, Prayagraj     |
| 3. Sri Ashutosh Pandey   | Project Manager, M/s Ecostan Infra Pvt. Ltd.   |
| 4. Sri Ashish K. Singh   | Project Manager, M/s B.V.G. India Ltd.         |

From MNNIT, Allahabad side, the following members were present from time to time during various survey works conducted at the site:

1. Prof. R.C.Vaishya
2. Dr. Varun Singh

It may be noted that following reports were already shared with the Nagar Nigam, Prayagraj:

1. The report related to **Volumetric Analysis of Stored Legacy Waste** was already submitted to the Nagar Nigam, Prayagraj vide letter No. 1903/CED/R&C/2023-2024 dated 01/03/2024. As per report, at present approximately **542987 m<sup>3</sup>** legacy waste still lying at the site.
2. The **Density Estimation Report** of Legacy Waste at site was submitted to the Nagar Nigam, Prayagraj vide letter No. 1830/CED/R&C/2023-2024 dated 22/02/2024. As per report at **Estimated Density of Legacy Waste was 1.38 t/m<sup>3</sup>**.

The Estimation of Legacy Waste Decanted till date at Baswar MSW Processing site is based on a previous report submitted by the MNNIT, Allahabad vide letter No. 1567/CED/R&C/2022-23 dated 23/12/2022 and present report submitted by us vide letter no. 1903/CED/R&C/2023-2024 dated 01/03/2024. The contour maps of previous and present reports were superimposed and the designated regions have been demarcated. The Digital Elevation Model (DEM) based on the grid point levels depicted in the previous contour map was generated and it was compared with the

*John*  
07/03/2024

*Sanjay*  
07/03/2024



*Sanjay*

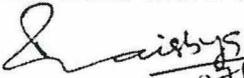
DEM derived from the present map/data to calculate the estimated change in levels of processed/decanted legacy waste. In each region, the volume of processed/decanted legacy waste was estimated using the demarcated boundaries of the regions, the Digital Elevation Model (DEM) of the existing regions, Digital Elevation Model (DEM) derived from the previous map and the 'Volume Calculation Tool' of QGIS Software. The results of volumetric analysis are presented in Table-1.

**Table-1 Estimation of Legacy Waste Decanted till Date at site**

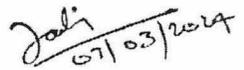
S.No.	Region	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	Legacy Waste (Processed) in SLF Area (Zone-1 in map)	47169.485	435677.8
2	Legacy Waste (Processed)- Near BVG India Ltd. Area (Zone-2 in map)	27129.09	366176.2
3	Legacy Waste Cleared near Ecostan Infra Pvt. Ltd. Area (Zone-3 in map)	20990.554	276282.2
	<b>Total</b>	<b>95289.129</b>	<b>1078136.2</b>

**Note:** Datum Level was considered at Roof Top of Ecostan Infra Pvt. Ltd. Office, Baswar MSW Dumping Processing Plant in both survey works. The current estimation may have variation of  $\pm 10\%$  due to type of waste and type of instruments used by two separate teams who have conducted survey works in 2022 and 2024.

The total Estimated Volume of Decanted Legacy Waste estimated as per our calculations by using the Digital Elevation Models and QGIS software is **1078136 m<sup>3</sup>**. As per point no. 2 mentioned in this report the approximate density was **1.38t/m<sup>3</sup>**. Therefore, the decanted legacy waste till date (29/02/2024) at site may be **1487828** metric tonne with a variation of  $\pm 10\%$ .

  
(Prof. R.C. Vaishya)

P.I. Of Project

  
(Dr. Varun Singh)

Co-P.I. of Project

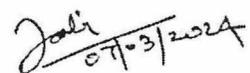
Drawing Details Enclosed:

1. Previous Contour Map
2. Present Contour Map



  
(Prof. R.C. Vaishya)

P.I. Of Project

  
(Dr. Varun Singh)

Co-P.I. of Project







जानपद अभियंत्रण विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज-211004 (उ०प्र०) भारत  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology Allahabad  
Prayagraj-211004 (U.P.) India

L.No 1903/CEO/Rac/2023-24

To  
The Municipal Commissioner  
Nagar Nigam  
Prayagraj-211001 U.P.)

Date 01/03/2024

**Sub:** Estimation of legacy waste stored at Baswar MSW plant, Naini, Prayagraj

Sir

With reference to your letter No. 840/Environment/2023-24 dated 07/12/2023 regarding the above cited subject. Please find attached herewith estimation report of legacy waste stored at Baswar MSW plant, Naini, Prayagraj. The estimation was conducted according to the terms & reference mentioned in the letter. The Aerial Imagery of the plant location is also enclosed in pen drive for your reference and necessary action.

Should you need any clarification please feel free to contact us any time according to your convenience.

Thanking you

Sincerely yours,

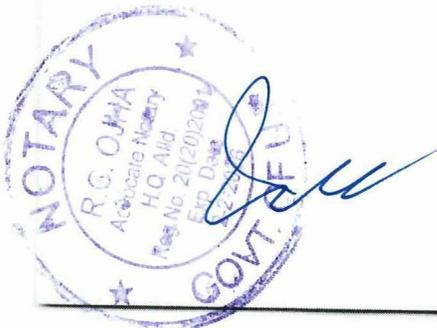
*R.C. Vaishya*  
01/03/2024

(Prof. R.C.Vaishya)  
P.I. of the Project

*Dr. Varun Singh*  
01/03/2024

(Dr. Varun Singh)  
Co-P.I. of the Project

**Encl:** 1. Estimation report of legacy waste stored at Baswar MSW plant, Naini, Prayagraj.  
With site survey maps.  
2. Aerial Imagery of the plant location in pen drive



*Govt.*

Report of Remaining Legacy Waste Estimation

at

Baswar MSW Processing Plant, Naini, Allahabad

The remaining Legacy Waste Project was given to the Department of Civil Engineering, MNNIT, Allahabad by the Nagar Nigam Prayagraj vide letter No. 840/Environment/ 2023-24 dated 07/12/2023. The work was allotted to the PIs on 13/12/2023 and later it was carried out by Prof. R.C.Vaishya and Dr. Varun Singh faculty members of the Civil Engineering Department. The Team MNNIT, Allahabad visited several times at site and carried out survey work using DGPS and Total Station and used auto level for leveling. The team also collected aerial imagery for actual visual site mapping. The survey work was conducted from January 24 to February 29, 2024 on different dates for quantification of remaining legacy waste at the site. The following members were present from time to time during various survey works conducted at the site from the Nagar Nigam Prayagraj side & others.

- |                          |  |
|--------------------------|--|
| 1. Er. Uttam Kumar Verma | Environmental Engineer, Nagar Nigam, Prayagraj |
| 2. Er. Girish Kumar      | Asst. Engineer, PMC Nagar Nigam, Prayagraj     |
| 3. Sri Ashutosh Pandey   | Project Manager, M/s Ecostan Infra Pvt. Ltd.   |
| 4. Sri Ashish K. Singh   | Project Manager, M/s B.V.G. India Ltd.         |

From MNNIT, Allahabad side Following members were present from time to time during various survey works conducted at the site.

1. Prof. R.C.Vaishya
2. Dr. Varun Singh

The followings are outcome of total survey works at the site:

The remaining legacy waste was found at two locations as mentioned in the drawing and the total area where this waste is currently dumped/ or being processed is about 16 acres. The remaining legacy waste accumulated since past at site has been quantified by summation of the volume accumulated above and below the average reference levels of the Sanitary Landfill site and Legacy waste (unprocessed site). The Digital Elevation Model (DEM) was developed using collected level (elevation) data of different locations. The volume calculation estimation was carried out using DEM and QGIS software. The reference level was used to calculate the legacy waste volume lying below and above the average reference levels. The average reference levels were estimated based on the mean of the invert levels of bottom most portion of land fill area. Similar approach was also adapted for estimation of waste lying in the southern boundary of the plant.



Page 1 of 2

*July*  
01/03/2024

*Dr. R. C. Vaishya*  
01/03/2023  
Dr. R. C. Vaishya  
Professor  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology  
Allahabad-211 007 (U.P.) India

*Signature*



सिलवक-3 पी

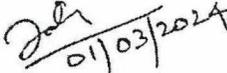
The estimated remaining legacy waste volume is given in the following Table.

S. No.	Part	Areas (m <sup>2</sup> )	Datum Level (m)	Reference Level (m)	Volume Above Reference Level (m <sup>3</sup> ) (A)	Volume Below Reference Level (m <sup>3</sup> ) (B)
1	Legacy Waste (Unprocessed)	16897.117	100	87.96	114965.587	41.078
2	Sanitary Landfill (SLF)	27129.09	100	85.16	427935.325	45.682
				Total	542900.912	86.76
				<b>Grand Total (A+B)</b>	<b>542987.672</b>	

Note: Datum Level is considered at Roof Top of Ecostan Infra Pvt. Ltd. Office, Baswar MSW Dumping Processing Plant

The total volume of unprocessed legacy waste estimated as per our survey works conducted at the site of waste is 542987.672 m<sup>3</sup>.

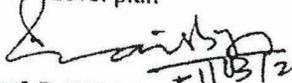
  
(Prof. R.C. Vaishya) 01/03/2024  
P.I. Of Project Dr. R. C. Vaishya  
Professor

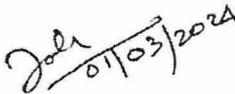
  
(Dr. Varun Singh)  
Co-P.I. of Project

Department of Civil Engineering  
Maulana Nehru National Institute of Technology  
Allahabad-211 004 (U.P.) India

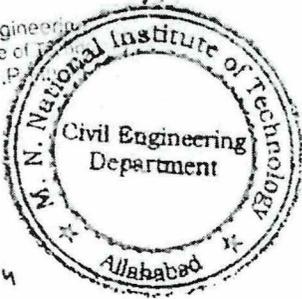
Drawing Details Enclosed:

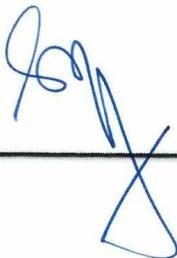
1. Site Plan
2. Contour Plan
3. Level plan

  
(Prof. R.C. Vaishya) 01/03/2024  
P.I. Of Project

  
(Dr. Varun Singh)  
Co-P.I. of Project

Dr. R. C. Vaishya  
Professor  
Department of Civil Engineering  
Maulana Nehru National Institute of Technology  
Allahabad-211 004 (U.P.) India





## Annexure-3

DEPARTMENT OF CIVIL ENGINEERING  
**Motilal Nehru National Institute of Technology,**  
**Allahabad-211004**

**Dr. R.C. Vaishya**

Ph.D. (IIT Bombay)

Professor [Civil & Environmental

Engg.]

Nodal Officer - Namami Gange and KRC



Phone : (+91) 0532-2271308 (O)

Fax : (+91) 0532-2545341

Mobile : 91-9415305134

E-mail : rcvaishya@yahoo.com

rcvaishya@mnnit.ac.in

1791/CED/RCC/2024-25

Date 24/01/2025

To,

Mr Uttam Kumar Verma  
 Environmental Engineer  
 Office of Environmental Engineer  
 Nagar Nigam  
 Prayagraj-211001

**Sub: Volumetric estimation of legacy waste decantation work of Baswar, Naini, Prayagraj**

Sir,

With reference to your letter No. C.D./700/Env./2024-25 dated 26/12/2024 regarding the subject cited above. We have carried out site survey at the SLF area and collected all relevant DEM data and levels of ground and top of the stored legacy waste on 11/01/2025. Please find enclosed herewith volumetric estimation of decanted legacy waste in 2<sup>nd</sup> phase of contract and pending legacy waste at the SLF site to be decanted in future for your reference and necessary action.

Thanking you

Sincerely yours

*R. Vaishya*  
 24/01/2025

(Prof. Rakesh Chandra Vaishya)

CED, MNNIT, Allahabad



Encl: Volumetric estimation of decanted legacy waste and pending legacy waste report

*R. Vaishya*

Report on

**Estimation Decanted Legacy Waste Till 09/01/2025**

and

**Volumetric Estimation of Legacy Waste lying near SLF Area**

at

**Baswar MSW Processing Plant, Naini Prayagraj (U.P.)**

With reference to the letter No. C.D./700/Env./2024-25 dated 26/12/2024 of the Nagar Nigam, Prayagraj regarding the subject cited above. We have carried out site survey at the SLF area and collected all relevant DEM data and levels of ground and top of the stored legacy waste on 09/01/2025. The work was allotted to the PIs on 01/01/2025 by the Head, CED, MNNIT, Allahabad and later the project was carried out by Prof. R.C. Vaishya and Dr. Varun Singh, faculty members of the Civil Engineering Department. The Team MNNIT, Allahabad has visited the site to carry out survey work using Total Station and used auto level for leveling on 09-01-2025 and 11/01/2025. The team MNNIT has good exposure to the site due to previous project works.

The following members were present from time to time during present survey works conducted at the site from the Nagar Nigam Prayagraj side & others:

1. Er. Uttam Kumar Verma - Environmental Engineer, Nagar Nigam, Prayagraj
2. Er. Girish Kumar - Asst. Engineer, PMC Nagar Nigam, Prayagraj
3. Sri Ashutosh Pandey - Project Manager, M/s Ecostan Infra Pvt. Ltd.
4. Sri Ashish K. Singh - Project Manager, M/s B.V.G. India Ltd.

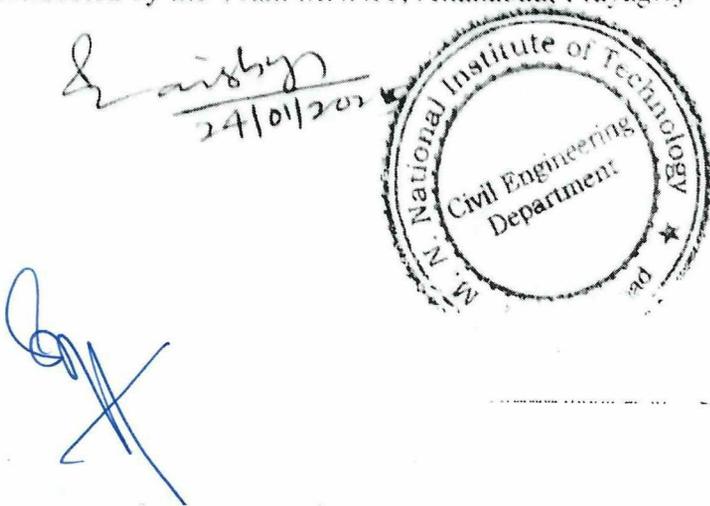
From MNNIT, Allahabad side, the following members were present from time to time during various survey works conducted at the site:

1. Prof. R.C. Vaishya
2. Dr. Varun Singh
3. Mr. Harsh Sharma

It may be noted that the following report pertaining to Legacy Waste site is already being submitted to the Nagar Nigam, Prayagraj:

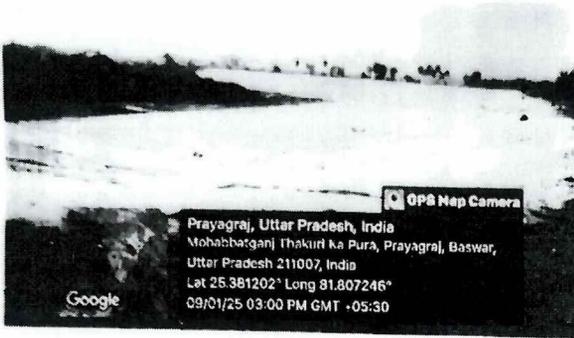
1. The report related to Volumetric Analysis of Stored Legacy Waste vide letter No. 1903/CED/R&C/2023-2024 dated 01/03/2024. As per the report, approximately 542,987 m<sup>3</sup> with variation of  $\pm 10\%$  of legacy waste was lying at the site in **Phase 2**.

The Estimation of Legacy Waste Decanted till date at Baswar MSW Processing site is based on a previous report submitted by MNNIT, Allahabad vide letter No. 1903/CED/R&C/2023-2024 dated 01/03/2024 and current survey work conducted by the Team MNNIT, Allahabad, Prayagraj.





Photographs of Survey Site



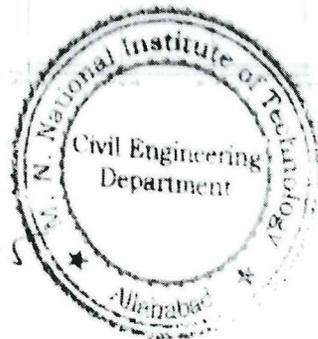
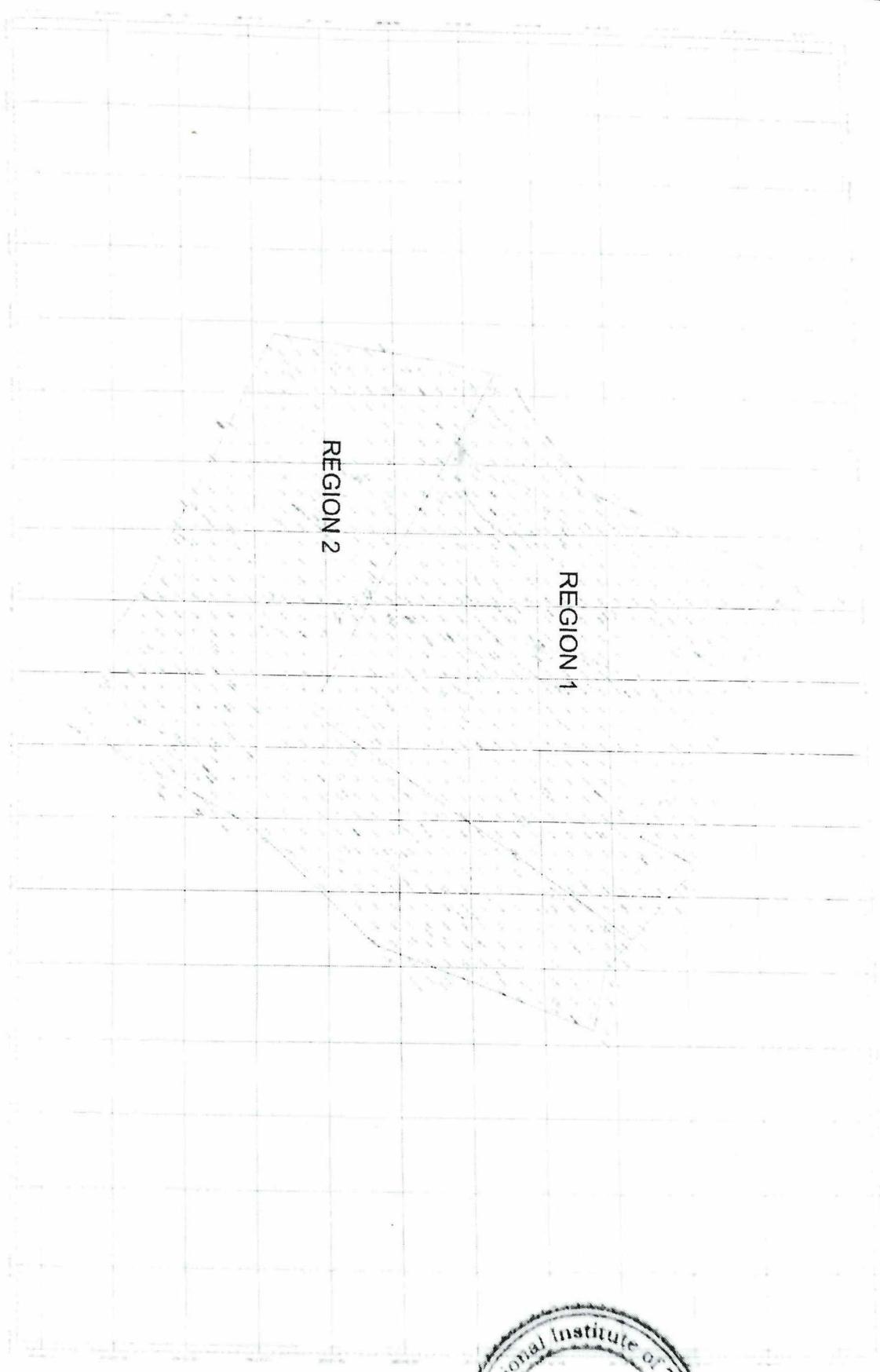
*R.C. Vaishya*  
 (Prof. R.C. Vaishya) 24/11/2015  
 P.I. Of Project

*Dr. Varun Singh*  
 24/11/2015  
 (Dr. Varun Singh)  
 Co-P.I. of Project



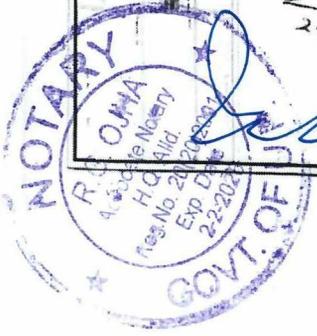
*Signature*

CONTOUR MAP OF BASWAH PROCESSING PLANT (Phase 3), PRAYAGRAJ, UTTAR PRADESH (Phase-3)



*[Handwritten signature]*  
 21/01/2025

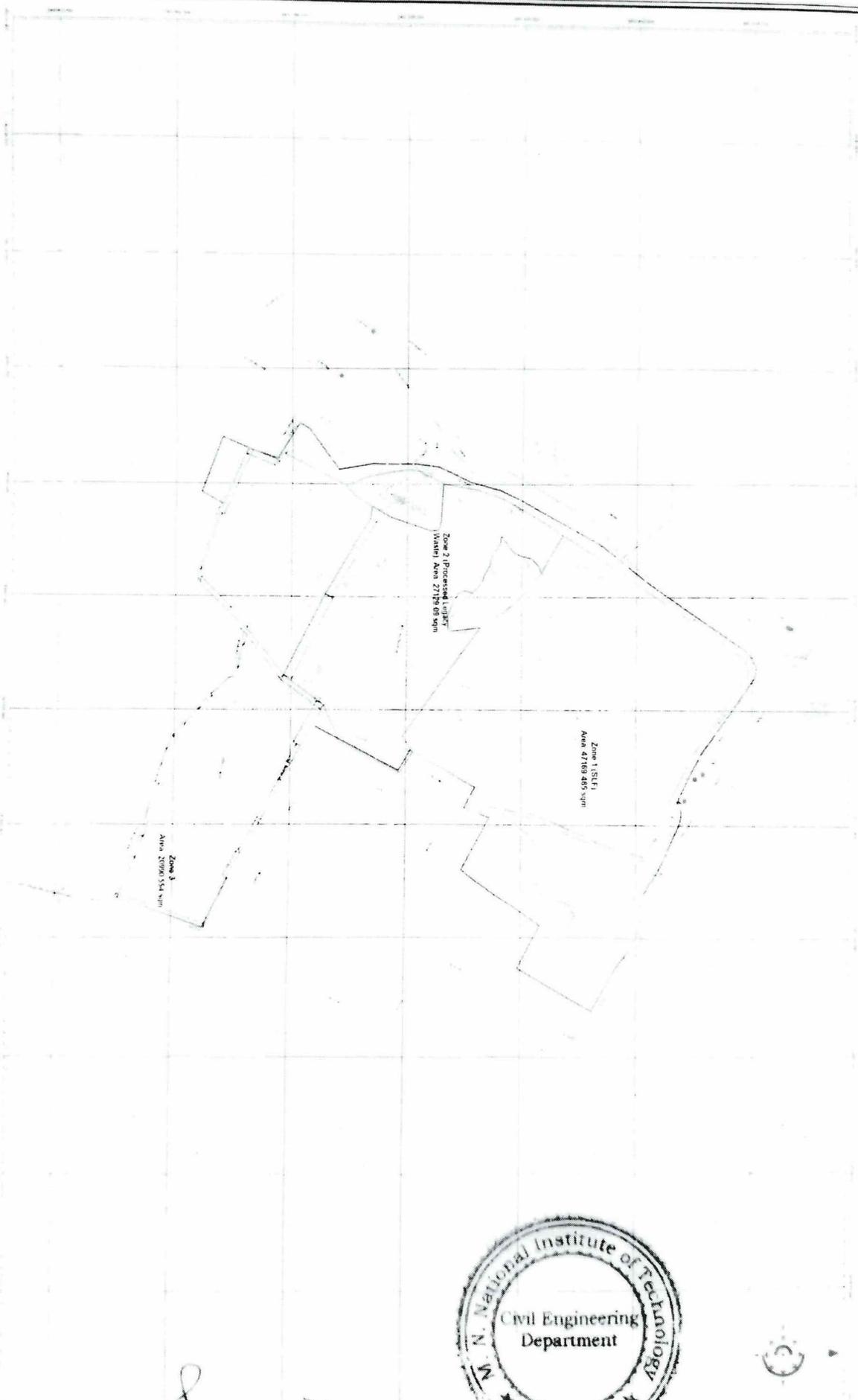
24/01/2025



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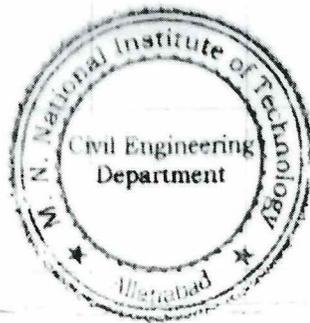
CONTOUR MAP OF BASWAH PROCESSING PLANT PHAYAGHAJ, UTTAR PRADESH (Phase 2)



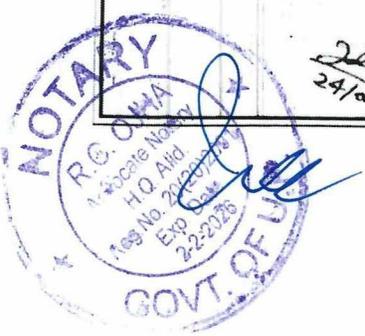
Zone 2 Proposed Light  
X-axis Area 27726.81 sqm

Zone 1 (SLE)  
Area 47169.495 sqm

Zone 3  
Area 2096.534 sqm



*[Handwritten Signature]*  
24/11/2025



*[Handwritten Signature]*



जनपद अभियान्त्रिकी विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
Civil Engineering Department  
Motilal Nehru National Institute of Technology Allahabad

Letter No.: 1790.../CED/R&C/2024-25

Date: 24/01/2025

To,  
पर्यावरण अभियंता  
Nagar Nigam Prayagraj

Reference: Determination of density of legacy waste at solid waste plant at Baswar

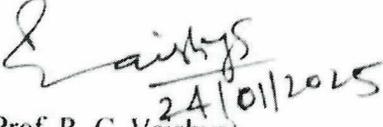
Dear Sir,

With reference to your letter 741/पर्या0/2024-25 dated: 04/01/25, the average density of combined SLF and legacy waste is found to be 1.90 tonne/m<sup>3</sup>.

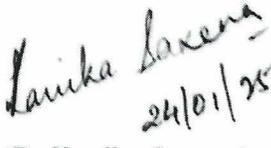
Note: The density reading in this case is dependent on the site-specific conditions and cannot be used for general calculations and conversions for other sites.

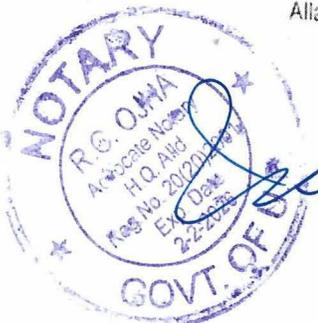
References:

S. No.	Procedure	Reference
1.	Density Measurement	ASTM 1895 D; Municipal Solid Waste Management Manual Part II The Manual (Section 1.4.2.3.3 Physical Characteristics of municipal waste 1. Density)
2.	Sampling	Richa Singh 2022, Legacy Waste Management and Dumpsite Remediation to Support Swachh Bharat Mission 2.0, Centre for Science and Environment, New Delhi

  
(Prof. R. C. Vaishya)  
Co-PI

Dr. R. C. Vaishya  
Professor  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology  
Allahabad-211 004 (U.P.) India

  
(Dr Kanika Saxena)  
Project Investigator





DEPARTMENT OF CIVIL ENGINEERING,  
**Motilal Nehru National Institute of Technology,**  
**Allahabad-211004**



To  
**Mr Uttam Kumar Verma**  
**Environmental Engineer**  
**Office of Environmental Engineer**  
**Nagar Nigam**  
**Prayagraj-211001**

Date 20/03/2025

With reference to your oral request on 18/03/2025 regarding seeking clarification for increase of density with respect to our two reports related to on-site density estimations. The related reports and their findings are given in following table.

Sr No.	Letter No.	Date	Estimated Density ( $t/m^3$ )
1.	1830/CED/R&C/2023-2024	22/02/2024	1.38
2.	1790/CED/R&C/2024-25	24/01/2025	1.90

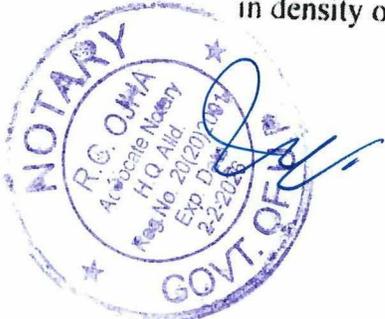
As per the site condition and observations made during visit, following are the factors that may contribute to the change in density as the depth increases:

### 1. Compaction from Overlying Waste

- As new layers of waste are added on top of older layers, the weight of the upper layers exerts pressure on the lower ones.
- This pressure forces out trapped air and compresses the material, reducing its volume and increasing density.
- Over time, the continuous addition of waste further intensifies this effect, leading to a gradual densification of deeper layers.

### 2. Decomposition and Settling

- Organic waste undergoes microbial decomposition, breaking down into simpler components such as gases (methane, carbon dioxide) and leachate.
- The breakdown of organic material reduces the overall volume of the waste, causing it to settle.
- This settling process further compacts the waste layers beneath, leading to an increase in density over time.



*Uttam Kumar Verma*

*[Signature]*

*[Signature]*

- Anaerobic decomposition in the bottom layers results in strongly digested sludge which can have density upto  $1.72 \text{ tonne/m}^3$ .

### 3. Moisture Absorption

- Rainwater and other sources of moisture infiltrate the landfill, percolating downward through the waste layers.
- Lower layers absorb moisture, which fills available pore spaces and increases the mass of the waste.
- The added weight from moisture contributes to further compaction, making the deeper layers denser.

### 4. Mechanical Compaction

- Heavy machinery such as compactors, bulldozers, and landfill rollers are used to compact the waste as it is added.
- These machines apply significant pressure to the waste, reducing its volume by crushing and compressing materials.
- The lower layers, being subjected to prolonged compaction, continue to experience density increases.

### 5. Reduction of Voids

- Initially, waste contains void spaces filled with air. Over time, these spaces collapse due to the pressure exerted by the weight above.
- The breakdown of large objects into smaller fragments also reduces voids and rearranges materials into a more compact form.
- As voids decrease, the total volume of waste reduces, leading to a higher overall density.

### 6. Gas Generation and Escape

- Anaerobic decomposition of organic waste generates landfill gases, primarily methane and carbon dioxide.
- As gases escape, they leave behind compacted waste, reducing the overall volume.
- This continuous gas loss further contributes to the compression of the lower layers, increasing density.

### 7. Contribution of C&D waste to increasing Landfill Density

- It includes materials like concrete, bricks, and wood, significantly increases landfill density due to various factors like: Heavy material composition, Mechanical fragmentation, Interlocking effect, Moisture retention and Limited decomposition.
- The density of materials contribute in C&D waste are as follows:

Sr No.	Material	Density Range ( $\text{t/m}^3$ )
1.	Aggregate	2.4-2.9



*Sanjay Saxena*

2.	Compressed Soil	1.7-2.0
3.	Sandy Clay	1.8-2.2
4.	Loose wet Sand	1.6-1.9
5.	Wet Clay	1.7
6.	Concrete	2.4
7.	Bricks	1.6-2.0

### Conclusion

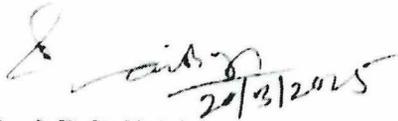
All these processes—compaction by weight, decomposition, moisture infiltration, mechanical compression, void reduction, and gas escape, Contribution of C&D waste, etc—work together to make the deeper layers of a landfill significantly denser than the upper layers. Over time, these factors contribute to the stabilization and settling of the landfill structure.

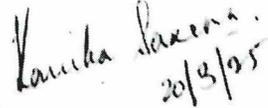
Hence, the density may increase due to the factors explained above as the depth of landfill increases.

### References

- "Evaluation of Depth-dependent properties of Municipal solid waste using a large diameter-borehole sampling method", Journal of Air and Waste management Association, Volume 71, Issue 4, spanning pages 433 to 446, 2021.
- "Characterizing Municipal solid waste component densities for use in Landfill Air space Estimates", Waste Management & Research, Volume 38, Issue 6, June 2020.
- "Effect of depth on Landfill on the characteristics of soil-like material of aged waste: A case study of Bhalswa Dumpsite, India", Journal of Material cycles and waste management, 2022.

**Note:** The Density reading in this case is dependent on the site-specific condition and cannot be used for general calculations and conversions for other sites.

  
20/03/2025  
Prof. R.C. Vaishya  
(P.I. of Project)

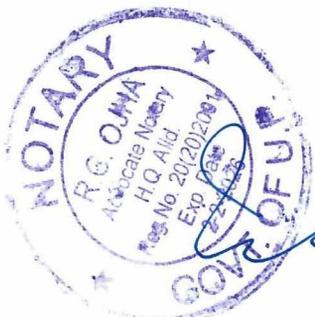
  
20/03/25  
Dr. Kanika Saxena  
(P.I. of Project)



घोषणा पत्र

मै. सुभाषि..... ग्राम तसवार पोस्ट दानपुर जनपद प्रशासित  
 का मूल निवासी हूँ। बसवार स्थित कचरा प्लांट में बी.वी.जी. इंडिया लि. द्वारा 260000 MT. मिट्टिक  
 टन वायोस्वायल हमारी जमीन (C.D. प्लांट के पीछे) में भरण की अनुमति देता हूँ।

हं सुभाषि  
 मो. 9559847700  
 आईडी. नं. 9559847700



*[Handwritten Signature]*

**घोषणा पत्र**

मैं पीपल कुलपाल ग्राम बसवार पोस्ट दण्डपुर जनपद प्रयाग का  
 का मूल निवासी हूँ। बसवार स्थित कचरा प्लांट में बी.वी.जी. इंडिया लि० द्वारा 85000 मिट्टिक  
 टन वायोस्वायल हमारी जमीन आगे के पेड़ के नीचे में भरण की अनुमति देता हूँ।

ह०- हरीपल  
 मो०- 79 85 48 44 28  
 आईडी० न०-



*(Signature)*

**घोषणा पत्र**

मै. अश्विनी चरण ..... ग्राम. बसवार ..... पोस्ट. दाण्डूपुड ..... जनपद. गुन्नागरीय  
 का मूल निवासी हूँ। बसवार स्थित कचरा प्लांट में बी.वी.जी. इंडिया लि. द्वारा 368000 मीट्रिक  
 टन वायोस्वायल हमारी जमीन प्लांट के पीछे ..... में भरण की अनुमति देता हूँ।

ह. अश्विनी

मो. 7309470121

आईडी. नं.



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## घोषणा पत्र

मैं चमराजपाल ग्राम बसवार पोस्ट दोबूडा  
 ...जनपद पुशावरराज का मूल निवासी हूँ। बसवार स्थित कचरा  
 प्लांट में इकोस्टैन इन्फ्रा प्रा० लि० द्वारा ४०००० MT मिट्टिक टन  
 वायोस्वायल हमारी जमीन भेदुआ के पड़के नीचे में भरण की अनुमति  
 देता हूँ। मुझे कोई आपत्ति नहीं है।

हं-


मो०- 9621139615

आईडी० न०-







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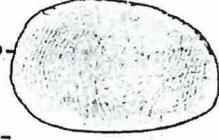
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## घोषणा पत्र

मैं भोदू शम ..... ग्राम बसवार ..... पोस्ट शंभुपुर .....  
 ....जनपद प्रयागराज ..... का मूल निवासी हूँ। बसवार स्थित कचरा  
 प्लांट में इकोस्टेन इन्फ्रा प्रा० लि० द्वारा 70000 MT ..... मिट्टिक टन  
 वायोस्वायल हमारी जमीन प्लांट के पीछे ..... में भरण की अनुमति  
 देता हूँ।

ह०-



भोदू शम

मो०-

आईडी० न०-



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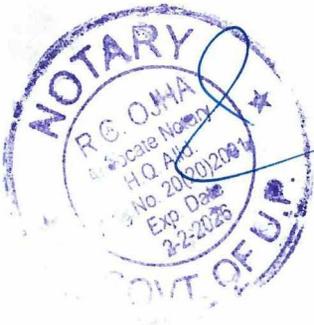
## घोषणा पत्र

मैं.....अफना मोहन.....ग्राम.....बसवार.....पोस्ट.....दुधपुरा.....  
 ....जनपद.....पुष्पापुरा..... का मूल निवासी हूँ। बसवार स्थित कचरा  
 प्लांट में इकोस्टेन इन्फ्रा प्रा० लि० द्वारा 50000 M.T..... मिट्टिक टन  
 वायोस्वायल हमारी जमीन बसवार गाँव..... में भरण की अनुमति  
 देता हूँ।

हं- अफना मोहन

मो०- 8382999876

आईडी० नं०-                     



## घोषणा पत्र

मैं अमल पाल ..... ग्राम बसवार ..... पोस्ट दादर .....  
 .... जनपद दादर ..... का मूल निवासी हूँ। बसवार स्थित कचरा  
 प्लांट में इकोस्टेन इन्फ्रा प्रा० लि० द्वारा 3.0000 MT ..... मिट्टिक टन  
 वायोस्वायल हमारी जमीन बसवार ..... में भरण की अनुमति  
 देता हूँ।

ह०- Kamal

मो०- 95 8066 7630

आईडी० न०- 7446 2024/081



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# Annexure - 5



No. PJI-P200/01

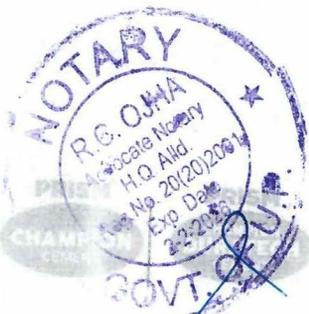
Date 08/05/2022

### TO WHOM SO EVER IT MAY CONCERN

This is certified that **Ecogateway Private Limited** Prayagraj, have supplied / Transported more than **6360 MT** Refused Derived Fuel (RDF) from Legacy waste processing facility, Prayagraj Uttar Pradesh from November 2022 to 31 March 2023, for its final disposal from **Ecostan Infra Private Limited** legacy Waste processing site Baswar Prayagraj.

Authorized Signatory

Prism Cement Ltd ,Satna



### PRISMJOHNSON LIMITED

(Cement Division - Unit I)

Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600  
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726  
Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.  
www.prismjohnson.in; www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TC1992PLC014033



02<sup>nd</sup> April 2024

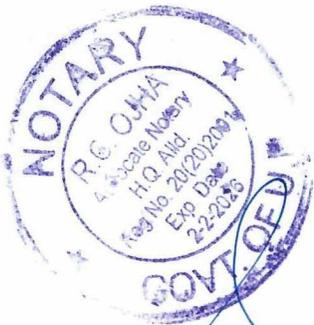
RDF Waste Co-processing certificate

This is to certify that we have received RDF waste quantities 6117MT to co-process the waste send by "ECOSTAN INFRA PVT LTD" from PRAYAGRAJ-(U.P) at our "Prism Johnson Limited, Satna Plant" during the period of 13/01/2024 to 07/03/2024 (Annexure A attached)

For Prism Johnson Ltd

*[Signature]*  
(Authorized Signatory)

*8/4/24  
SRI*



**PRISM JOHNSON LIMITED**

(Cement Division - Unit II)

Works: Village Markahari, P.O.-Bathia, Dist. Satna - 485 001 (M.P.) India T: +91-07672-275301 / 302600  
Corres. Add: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726  
Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016 India.  
w: www.pjsmjohnson.in, www.cement.pjsmjohnson.in. E: info@pjsmjohnson.in

CIN: L26942TG1992PLC0169033

*[Handwritten signature]*



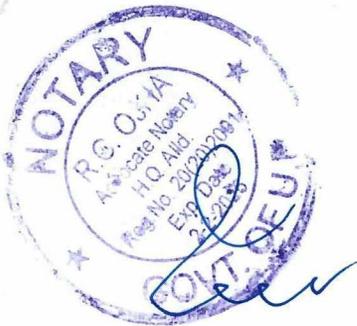
दूर की सोच

27<sup>th</sup> February 2025

RDF Waste Co-Processing Certificate

This is to certify that we have received Refused Derived Fuel (RDF) quantities 8862 MT for Co-process the waste send by "ECOSTAN INFRA PRIVATE LIMITED" from Waste processing facility, M/s Ecostan Infra Private Limited, Legacy Waste Processing Plant (Prayagraj) at our "Prism Johnson Limited, Satna Plant" during the period of April-2024 to January-2025.

For Prism Johnson Ltd  
(Authorized Signatory)



**PRISM JOHNSON LIMITED**

(Cement Division - Unit II)

Works: Village Markehan, P.O.-Bathia, Dist. Satna - 485111 (M.P.) India. Tel: 0761-275761, 275200  
Corres. Add.: "Rajdeep", Rewa Road, Satna - 485 001 (M.P.) India. Tel: 0761-09672-802726  
Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Amecorpet, Hyderabad - 500081, India  
www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014031



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CIN: U90002TG2020PTC146662

REWA MSW ENERGY SOLUTIONS PVT. LTD.  
(Subsidiary of Rewa MSW Holding Limited)  
(Wholly owned Subsidiary of REEL)  
Add.: Vill.-Pahadiya, P.O.: Sagra  
Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
GSTIN : 23AAKCR6515L1Z4

Date: 22-11-2024

Ref. No: RMSWESPL/RDF/Noida/001

To Whomsoever It May concern

This is to certify that M/s Ecostan Infra Pvt. Ltd, Office no- 906A, 9<sup>th</sup> Floor, Plot No-A40, I-Thum Tower A, Sector No-62, Noida (U.P) has supplied RDF (Refused Derived Fuel) Quantity- 26689.729 Ton to M/s Rewa MSW Energy Solutions Pvt. Ltd, Pahadiya Village, Raura B.O. Post Office, Raipur Karchuliyan Teh. Dist-Rewa (M.P) in the period of June-2024 to September-2024 for its final scientific processing and disposal at our 6 MW Waste to Energy Plant.

RDF Vehicles Details- As per attached Annexure-A

For Rewa MSW Energy Solutions Pvt. Ltd



Authorized Signatory



Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
Hyderabad - 500032, Telangana State, India.

Ph. No. : +91-40-23015000 E-mail : cs.reel@ramky.com



CIN: U90002TG2020PTC146662

REWA MSW ENERGY SOLUTIONS PVT. LTD.  
(Subsidiary of Rewa MSW Holding Limited)  
(Wholly owned Subsidiary of REEL)  
Add.: VIII.-Pahadiya, P.O.: Sagra,  
Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
GSTIN : 23AAKCR6515L1Z4

Date: 03-01-2025

Ref. No: RMSWESPL/RDF/Noida/002

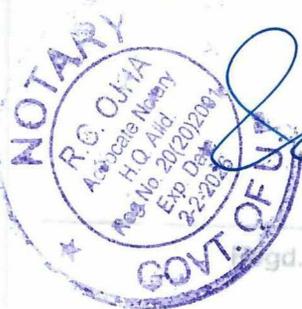
To Whom So Ever It May Concern

This is to certify that M/s Ecostan Infra Pvt. Ltd, Registered Office no- 906A, 9<sup>th</sup> Floor, Plot No-A40, I-  
Thum Tower A, Sector No-62, Noida (U.P) has supplied RDF (Refused Derived Fuel) from Baswar,  
Prayagraj (U.P) Quantity- 25560.107 Ton to M/s Rewa MSW Energy Solutions Pvt. Ltd, Pahadiya  
Village, Raipur B.O. Post Office, Raipur Karchuliyan Tehsil, Dist-Rewa (M.P) in the period of October  
2024 to December-2024 for its final scientific processing and disposal at our 6 MW Waste to Energy Plant

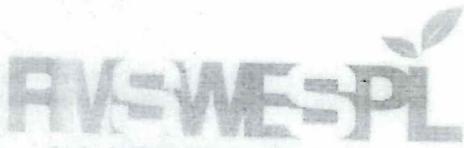
RDF Vehicles Details- As per attached Annexure-A

For Rewa MSW Energy Solutions Pvt. Ltd

Authorized Signatory



Head. & Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
Hyderabad - 500032, Telangana State, India.  
Ph. No. : +91-40-23015000, E-mail : cs.reel@ramky.com



CIN : U90002TG2020PTC146662

REWA MSW ENERGY SOLUTIONS PVT. LTD.  
(Subsidiary of Rewa MSW Holding Limited)  
(Wholly owned Subsidiary of REEL)  
Add.: Vill. Pahadiya, P.O.: Sagra,  
Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
GSTIN : 23AAKCR6515L1Z4

Date: 28-02-2025

Ref. No: RMSWESPL/RDF/Noida/003

To whom so ever it may concern

This is to certify that M/s Ecostan Infra Pvt. Ltd, Registered Office no- 906A, 9<sup>th</sup> Floor, Plot No-A40, I-Thum Tower A, Sector No-62, Noida (U.P) has supplied RDF (Refused Derived Fuel) from Baswar, Prayagraj (U.P) Quantity- 7469.010 Ton to M/s Rewa MSW Energy Solutions Pvt. Ltd, Pahadiya Village, Raura P.O. Post Office, Raipur Karchuliyan Tehsil, Dist-Rewa (M.P) in the period of January-2025 for its final scientific processing and disposal at our 6 MW Waste to Energy Plant.

RDF Vehicles Details- As per attached Annexure-A

For Rewa MSW Energy Solutions Pvt. Ltd



Authorized Signatory



Regl. & Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
Hyderabad - 500032, Telangana State, India.

Ph. No. : +91-40-23015000, E-mail: cs.real@ramky.com



No. Jabalpur/3242/Legacy/Prayagraj

Date-07/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is certified that M/s Ecostan Infra Private Limited Gaziabad ,have supplied 6555 MT Refused Derived Fuel (RDF) from Legacy waste processing facility, Prayagraj Uttar Pradesh from July 2022 to 31 March 2023, for its final disposal, which was transported by M/s Ecogateway Private Limited Prayagraj.



Authorized Signatory  
Waste to Energy Plant Jabalpur

Jabalpur MSW Private Limited  
Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station : Marhotaal  
Post Office : Vijay Nagar PIN : 482 002

Regd. Off. : Essel House, 8-10, Lawrence Road, Industrial Area, New Delhi 110 015  
CN - U90001DL2013-PC24720



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**Co-Processing Certificate**

Reference No.: Ecogateway/IBL/Oct-23

Date : 21/11/2023

This is to certify that M/s Ecogateway Pvt Ltd has supplied 4783.855 MT Of RDF/Plastic Waste from M/s Ecostan Infa Pvt Ltd. Baswar, Prayagraj of Ms/ Essel Jabalpur MWS Pvt Ltd. Patwarinalka No. 32 Khasra No. 375, 376, 379, Vilage kathonda, Tehsil Jabalpur Madhya Pradesh - 482004. in the month of April, May, June, July, August, September, October 2023 for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows:

Sr. No.	Supplier	Date	Location	Vehicle No	Quantity (Kg)
1	Ecogateway Pvt Ltd	26-04-2023	Prayagraj	UP70F14847	29,350
2	Ecogateway Pvt Ltd	27-04-2023	Prayagraj	UP7219054	29,375
3	Ecogateway Pvt Ltd	27-04-2023	Prayagraj	UP70CT0877	18,660
4	Ecogateway Pvt Ltd	27-04-2023	Prayagraj	UP70CT6333	22,665
5	Ecogateway Pvt Ltd	28-04-2023	Prayagraj	UP72AT4147	29,150
6	Ecogateway Pvt Ltd	28-04-2023	Prayagraj	UP70FT9259	29,490
7	Ecogateway Pvt Ltd	29-04-2023	Prayagraj	UP70BT7931	24,010
8	Ecogateway Pvt Ltd	30-04-2023	Prayagraj	UP70DTS721	19,415
9	Ecogateway Pvt Ltd	01-05-2023	Prayagraj	UP7217953	24,700
10	Ecogateway Pvt Ltd	02-05-2023	Prayagraj	UP70ET5886	24,415
11	Ecogateway Pvt Ltd	02-05-2023	Prayagraj	UP70ET5813	24,695
12	Ecogateway Pvt Ltd	02-05-2023	Prayagraj	UP70FT7528	29,205
13	Ecogateway Pvt Ltd	02-05-2023	Prayagraj	UP70GT3788	29,775
14	Ecogateway Pvt Ltd	02-05-2023	Prayagraj	MP20HB6195	29,125
15	Ecogateway Pvt Ltd	10-05-2023	Prayagraj	UP70F14847	29,685
16	Ecogateway Pvt Ltd	17-05-2023	Prayagraj	UP70F14847	29,685

Khasra No. 375, 376 & 379, Village Kathonda, District Jabalpur, Police Station 2111004, Post Office : Vijay Nagar PIN : 482 002

Essel House, 8-10, Lawrence Road, Industrial Area, New Delhi 110 035

CIN - U90001DL2013PTC247509



*[Handwritten Signature]*

Disposed Certificate



Ref No- Aarya/JBL/MSW/Jan-25

To  
M/S Aarya Recycling Industries  
Jabalpur

Date - 01.03.2025

Dear Sir

We have safely disposed 1456.382 MT of ERM/MLP received from M/S Aarya Recycling Industries on behalf of Essel Infra Pvt Ltd PRAYAGRAJ and To ESSEL Jabalpur MSW Pvt Ltd (Waste to Energy Plant) Address No. 375, 376 and 379, Near Sandariya Green City, Village Kathwaha, Jabalpur 482002 MP RDP Received from January 2025

The RDP/MLP has been disposed in accordance to the rule & guideline provided by the Central Government

Sl No	Date	From	To	Truck No	Weight
11509	01 January 2025	PRAYAGRAJ	JABALPUR	UP63AT1848	31.095
11511	01 January 2025	PRAYAGRAJ	JABALPUR	UP70GT6845	35.440
11512	01 January 2025	PRAYAGRAJ	JABALPUR	GJ16AU4214	42.915
11517	01 January 2025	PRAYAGRAJ	JABALPUR	UP72AT1358	34.000
11518	01 January 2025	PRAYAGRAJ	JABALPUR	UP63AT6581	30.500
11521	02 January 2025	PRAYAGRAJ	JABALPUR	UP70NT3045	31.615
11522	02 January 2025	PRAYAGRAJ	JABALPUR	UP70CT0877	19.240
11524	02 January 2025	PRAYAGRAJ	JABALPUR	UP70ET5010	32.110
11525	02 January 2025	PRAYAGRAJ	JABALPUR	UP70HT0483	36.290
11526	02 January 2025	PRAYAGRAJ	JABALPUR	UP70FT2935	37.325
11537	03 January 2025	PRAYAGRAJ	JABALPUR	UP70GT0273	32.740
11538	03 January 2025	PRAYAGRAJ	JABALPUR	UP70GT3837	36.405
11540	03 January 2025	PRAYAGRAJ	JABALPUR	UP70ET9653	29.680
11541	03 January 2025	PRAYAGRAJ	JABALPUR	UP70NT2085	35.155
11543	03 January 2025	PRAYAGRAJ	JABALPUR	UP70ET8085	30.685
11543	03 January 2025	PRAYAGRAJ	JABALPUR	UP51AT4461	31.455
11544	03 January 2025	PRAYAGRAJ	JABALPUR	UP70MT5398	36.180
11545	03 January 2025	PRAYAGRAJ	JABALPUR	UP70JT7070	35.615
11546	03 January 2025	PRAYAGRAJ	JABALPUR	UP70GT5625	30.955
11547	03 January 2025	PRAYAGRAJ	JABALPUR	UP72AT2576	32.160
11548	03 January 2025	PRAYAGRAJ	JABALPUR	UP70GT4085	35.720
11549	03 January 2025	PRAYAGRAJ	JABALPUR	MH34BB1336	36.400
11550	03 January 2025	PRAYAGRAJ	JABALPUR	UP70FT7753	43.000
11551	03 January 2025	PRAYAGRAJ	JABALPUR	JP70FT4045	30.925
11552	03 January 2025	PRAYAGRAJ	JABALPUR	UP70ET2554	30.500
11553	03 January 2025	PRAYAGRAJ	JABALPUR	UP72AT0085	30.500



Regd. Off. : Essel House , B-10, Lawrence Road, Industrial Area, New Delhi 110035  
CIN - U90001DL2013PTC247500

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Disposed Certificate



Ref No- Aarya/IBL/MSW/Dec-24

To

Date - 01.03.2025

M/S Aarya Recycling Industries

Jabalpur

Dear Sir

We have safely disposed 3035.335 MT of RDF/MLP received from M/s Aarya Recycling Industries on Behalf of Ecostand Infra Pvt Ltd, PRAYAGRAJ Site To ESSEL Jabalpur MSW Pvt. Ltd. (Waste to Energy Plant), Khasra No. 375, 376 and 379, Near Samdariya Green City, Village Kathonda, Jabalpur 482002 MP. RDF Received from November 2024 & December 2024

The RDF & MLP has been disposed in accordance to the rule & guideline provided by the Central Government

Sl No	Date	From	To	Truck No	Weight
11286	29 November 2024	PRAYAGRAJ	JABALPUR	UP70ET5813	22.065
11287	11 December 2024	PRAYAGRAJ	JABALPUR	UP70ET5530	29.980
11288	11 December 2024	PRAYAGRAJ	JABALPUR	UP70GT6945	29.890
11289	13 December 2024	PRAYAGRAJ	JABALPUR	UP70GT8145	30.660
11281	13 December 2024	PRAYAGRAJ	JABALPUR	UP51AT4025	30.140
11282	13 December 2024	PRAYAGRAJ	JABALPUR	UP70ET7945	30.110
11283	13 December 2024	PRAYAGRAJ	JABALPUR	UP70FT7847	30.400
11286	14 December 2024	PRAYAGRAJ	JABALPUR	UP70FT3743	30.240
11287	14 December 2024	PRAYAGRAJ	JABALPUR	UP70GT1997	35.030
11288	14 December 2024	PRAYAGRAJ	JABALPUR	UP72AT3801	30.930
11342	21 December 2024	PRAYAGRAJ	JABALPUR	UP70FT1684	30.220
11343	21 December 2024	PRAYAGRAJ	JABALPUR	UP70GT2485	28.290
11344	21 December 2024	PRAYAGRAJ	JABALPUR	UP70CT0877	29.725
11351	22 December 2024	PRAYAGRAJ	JABALPUR	UP70GT2485	28.600
11352	22 December 2024	PRAYAGRAJ	JABALPUR	UP72AT3430	27.000
11353	22 December 2024	PRAYAGRAJ	JABALPUR	UP70GT6945	28.400
11354	22 December 2024	PRAYAGRAJ	JABALPUR	UP70FT7584	30.605
11355	22 December 2024	PRAYAGRAJ	JABALPUR	MH40HD9055	25.990
11356	22 December 2024	PRAYAGRAJ	JABALPUR	UP70GT9905	25.520
11357	22 December 2024	PRAYAGRAJ	JABALPUR	UP70GT4202	29.050
11366	23 December 2024	PRAYAGRAJ	JABALPUR	UP72AT6060	28.630
11367	23 December 2024	PRAYAGRAJ	JABALPUR	UP70GT6845	29.000
11368	23 December 2024	PRAYAGRAJ	JABALPUR	UP70FT8425	28.680
11369	23 December 2024	PRAYAGRAJ	JABALPUR	UP70FT3743	29.900
11370	23 December 2024	PRAYAGRAJ	JABALPUR	UP70ET5813	28.520

Khasra No 375, 376 & 379, Village Kathonda, District Jabalpur, Police Station - Morhatal, Jabalpur, MP-482002  
 Post Office - Vijay Nagar PIN : 482002

Regd. Off. : Essel House , B-10, Lawrence Road, Industrial Area, New Delhi 110035

CIN - U90001DL2013PTC247502



*[Handwritten Signature]*



### Co-Processing Certificate

Reference No.: Ecogateway/JBL/Oct-22

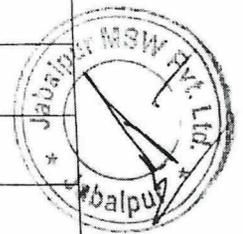
Date: 10.10.2022

This is to certify that M/s Ecogateway pvt ltd on behalf of M/s BVG India Limited has supplied 2240350

Of refused derived (RDF) to M/s Essel Jabalpur MSW Pvt. Ltd. Patwarihalka No. 23 Khasra No. 375, 376, 379, Village kathonda, Tehsil Jabalpur Madhya Pradesh – 482004. In the month of July, August, September 2022 for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows:

S.No.	Supplier	Date	Location	Vehicle No.	Quantity(Kg)
1	Ecogateway pvt. Ltd.	7/13/2022	Prayagraj	UP44AT8787	27150
2	Ecogateway pvt. Ltd.	7/13/2022	Prayagraj	UP70GT8484	27100
3	Ecogateway pvt. Ltd.	7/13/2022	Prayagraj	UP70FT9984	27080
4	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP70FT7484	28320
5	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP72T8014	23470
6	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP70FT7584	27730
7	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP70GT4202	27450
8	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP72AT4613	25860
9	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP70ET2900	27230
10	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP70ET9884	25570
11	Ecogateway pvt. Ltd.	7/14/2022	Prayagraj	UP70FT8400	27890
12	Ecogateway pvt. Ltd.	7/15/2022	Prayagraj	UP70CT7576	22420
13	Ecogateway pvt. Ltd.	7/15/2022	Prayagraj	UP70DT4871	22980



**Jabalpur MSW Private Limited**

Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station : Marhotaal  
Post Office : Vijay Nagar PIN : 482 002

Regd. Off. : Essel House, B-10, Lawrence Road, Industrial Area, New Delhi 110 035

CIN - U90001DL2013PTC247509

**Essel  
infra**



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### Co-Processing Certificate

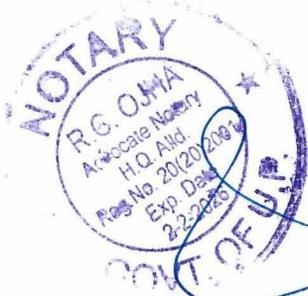
Reference No.: Ecogateway/jbp/oct-65

Date: 10.11.2022

This is to certify that M/s Ecogateway pvt ltd on behalf of M/s BVG India Limited has supplied 228700 Of refused derived (RDF) to M/s Essel Jabalpur MSW Pvt. Ltd. Patwarihalka No. 23 Khasra No. 375, 376, 379, Village kathonda, Tehsil Jabalpur Madhya Pradesh – 482004. In the month of October, November 2022 for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows:

S.No.	Supplier	Date	Location	Vehicle No.	Quantity(Kg)
1	Ecogateway pvt. Ltd.	10/21/2022	Prayagraj	MH18BG7072	26660
2	Ecogateway pvt. Ltd.	10/21/2022	Prayagraj	MH18BG3889	26070
3	Ecogateway pvt. Ltd.	10/22/2022	Prayagraj	UP44AT8787	26290
4	Ecogateway pvt. Ltd.	10/22/2022	Prayagraj	UP70HT0047	26770
5	Ecogateway pvt. Ltd.	10/23/2022	Prayagraj	UP72T9811	22870
6	Ecogateway pvt. Ltd.	10/23/2022	Prayagraj	UP70FT4847	27550
7	Ecogateway pvt. Ltd.	11/04/2022	Prayagraj	UP65FT5022	26780
8	Ecogateway pvt. Ltd.	11/04/2022	Prayagraj	UP72AT2304	22430
9	Ecogateway pvt. Ltd.	11/30/2022	Prayagraj	MH40CD8745	23280
	<b>Total</b>				<b>228700</b>



**Essel  
intra**

Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station : Marhotaal  
Post Office : Vijay Nagar PIN : 482 002

Regd. Off. : Essel House, B-10, Lawrence Road, Industrial Area, New Delhi 110 035  
CIN - U90001DL2013PTC247509

*[Handwritten Signature]*



No. Eco/Prg/01/22-23

Date : 30.04.2023

**TO WHOM SO EVER IT MAY CONCERN**

This is certified that **Ecogateway Private Limited** Prayagraj ,have supplied more than **7000 MT** Refused Derived Fuel (RDF) from Legacy waste processing facility, Prayagraj Uttar Pradesh from November 2022 to 31 March 2023. for its final disposal From **BVG India Limited** legacy Waste processing site Baswar Prayagraj.

Authorized Signatory  
  
 Ecogateway Private Limited MSW Pvt. Ltd.

**NOTARY**  
 R.G. OJHA  
 Advocate Notary  
 H.Q. Alid  
 Reg. No. 20/2012084  
 Exp. Date  
 3-2-2026  
**GOVT. OF U.P.**



**Jabalpur MSW Private Limited**  
 Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station : Marhotaal  
 Post Office : Vijay Nagar PIN : 482 002

**Regd. Off. :** Essel House, B-10, Lawrence Road, Industrial Area, New Delhi 110 035  
 CIN - U90001DL2013PTC247509



**Co-Processing Certificate**

Reference No.: Ecogateway/JBL/Oct-23

Date : 21/11/2023

This is to certify that M/s Ecogateway Pvt Ltd has supplied 7888.955 MT Of RDF/Plastic Waste from M/s BVG India Ltd, Baswar, Prayagraj or Ms/ Essel Jabalpur MWS Pvt Ltd. Patwarihalka No. 32 Khasra No. 375, 376, 379, Vilage kathonda, Tehsil Jabalpur Madhya Pradesh - 482004. in the month of in the month of April, May, June, July, August, September, October 2023 for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows:

Sr No.	Supplier	Date	Location	Vehicle No	Quantity (Kg)
1	Ecogateway Pvt Ltd	19-04-2023	Prayagraj	MH40BG8242	29,030
2	Ecogateway Pvt Ltd	20-04-2023	Prayagraj	CG04MD5155	29,340
3	Ecogateway Pvt Ltd	21-04-2023	Prayagraj	UP70D18721	19,570
4	Ecogateway Pvt Ltd	22-04-2023	Prayagraj	UP70FT7484	29,430
5	Ecogateway Pvt Ltd	23-04-2023	Prayagraj	MH34AB4675	24,320
6	Ecogateway Pvt Ltd	24-04-2023	Prayagraj	UP70FT1289	24,070
7	Ecogateway Pvt Ltd	24-04-2023	Prayagraj	UP72T9811	24,040
8	Ecogateway Pvt Ltd	25-04-2023	Prayagraj	UP70FT8400	29,400
9	Ecogateway Pvt Ltd	26-04-2023	Prayagraj	UP70FT7447	29,700
10	Ecogateway Pvt Ltd	27-04-2023	Prayagraj	UP70ET9021	29,210
11	Ecogateway Pvt Ltd	27-04-2023	Prayagraj	UP70GT1484	29,350
12	Ecogateway Pvt Ltd	28-04-2023	Prayagraj	UP70ET3132	29,430
13	Ecogateway Pvt Ltd	29-04-2023	Prayagraj	UP70L19881	29,570
14	Ecogateway Pvt Ltd	29-04-2023	Prayagraj	UP70L19881	29,570



**Jabalpur MWS Private Limited**  
 Jabalpur, Police Station, Main Road,  
 Post Office, Vijay Nagar, PIN: 482002  
 CIN U90001DL2019PTC247509

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UTILITIES

### Co-Processing Certificate

Reference No.: Ecogateway/JBL/Mar-24

Date : 31/03/2024

This is to certify that M/s Ecogateway Pvt Ltd has supplied 12615.118 MT Of RDF/Plastic Waste from M/s BVG India Ltd, Baswar, Prayagraj or Ms/ Essel Jabalpur MWS Pvt Ltd. Patwarihalka No 32 Khasra No. 375, 376, 379, Vilage kathonda, Tehsil Jabalpur Madhya Pradesh - 482004. in the month of in the month of **Nov, Dec, Jan, Feb, Mar-2024** for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows;

Sr.No.	Supplier	Date	Location	Vehicle No	Quantity (Kg)
1	Ecogateway Pvt Ltd	01 11 2023	Prayagraj	UP72AT4687	29,570
2	Ecogateway Pvt Ltd	01 11 2023	Prayagraj	UP70GT8400	29,610
3	Ecogateway Pvt Ltd	02 11-2023	Prayagraj	GJ16AV8689	31,710
4	Ecogateway Pvt Ltd	03-11-2023	Prayagraj	UP70ET4295	25,190
5	Ecogateway Pvt Ltd	03-11-2023	Prayagraj	UP70JT8909	29,360
6	Ecogateway Pvt Ltd	03-11-2023	Prayagraj	UP70FT7484	29,460
7	Ecogateway Pvt Ltd	03-11 2023	Prayagraj	UP70LT2984	31,440
8	Ecogateway Pvt Ltd	03-11-2023	Prayagraj	UP70HT3017	24,900
9	Ecogateway Pvt Ltd	03-11-2023	Prayagraj	UP70FT3586	29,570
10	Ecogateway Pvt Ltd	04-11-2023	Prayagraj	UP70JT7991	29,610
11	Ecogateway Pvt Ltd	04-11-2023	Prayagraj	UP70CT4577	24,680
	Ecogateway Pvt Ltd	05-11-2023	Prayagraj	UP72AT6100	29,720
	Ecogateway Pvt Ltd	05-11-2023	Prayagraj	UP70CT4993	19,340
	Ecogateway Pvt Ltd	05-11-2023	Prayagraj	UP70C4657	24,620

**Jabalpur MSW Private Limited**  
Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station : Marhotaal  
Post Office : Vijay Nagar PIN : 482 002

Regd. Off. : Essel House, # 10, Lawrence Road, Industrial Area, New Delhi 110 035  
CIN - U90001DL2013PTC247509






### Co-Processing Certificate

Reference No.: ECOGATEWAY/JBL/JUN-24

Date : 30/06/2024

This is to certify that M/s Ecogateway Pvt Ltd has supplied 777.850 MT Of RDF/Plastic Waste from M/s BVG India Ltd, Baswar, Prayagraj or Ms/ Essel Jabalpur MWS Pvt Ltd. Patwarihalka No. 32 Khasra No. 375, 376, 379, Village kathonda, Tehsil Jabalpur Madhya Pradesh - 482004. in the month of in the month of April, May, June 2024 for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows;

Sr.No.	Supplier	Date	Location	Vehicle No	Quantity (Kg)
1	Ecogateway Pvt Ltd	01-04-24	Prayagraj	UP72AT1712	28,370
2	Ecogateway Pvt Ltd	02-04-24	Prayagraj	MP53HA1382	22,420
3	Ecogateway Pvt Ltd	02-04-24	Prayagraj	UP70ET2205	29,120
4	Ecogateway Pvt Ltd	02-04-24	Prayagraj	UP70ET0666	29,370
5	Ecogateway Pvt Ltd	03-04-24	Prayagraj	UP70ET0798	31,110
6	Ecogateway Pvt Ltd	03-04-24	Prayagraj	UP70GT7012	27,500
7	Ecogateway Pvt Ltd	03-04-24	Prayagraj	UP70HT9712	27,990
8	Ecogateway Pvt Ltd	11-04-24	Prayagraj	MP20HB9441	27,860
9	Ecogateway Pvt Ltd	16-04-24	Prayagraj	UP70ET3737	30,350
10	Ecogateway Pvt Ltd	16-04-24	Prayagraj	UP70ET4384	28,750
11	Ecogateway Pvt Ltd	16-04-24	Prayagraj	UP72AT3595	28,930
12	Ecogateway Pvt Ltd	19-04-24	Prayagraj	UP70DT9959	23,860
13	Ecogateway Pvt Ltd	23-04-24	Prayagraj	UP70JT4712	23,510
14	Ecogateway Pvt Ltd	27-04-24	Prayagraj	MP20HB9441	28,120



Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station, Marhotaal  
Post Office : V. Nagar, PIN : 482 002

Regd. Off. : Essel House, B-10, Lawrence Road, Industrial Area, New Delhi 110 035  
CIN - U90001DL2013PTC247509



### Co-Processing Certificate

Reference No.: ECOGATEWAY/JBL/IAN-25

Date : 10/01/2025

This is to certify that M/s Ecogateway Pvt Ltd has supplied 8401.435 MT Of RDF/Plastic Waste from M/s SVG India Ltd, Barwar, Prayagraj of Ms/ Essel Jabalpur MWS Pvt Ltd, Patwarihalka No. 32 Khasra No. 375, 376, 379, Village kathonda, Tehsil Jabalpur Madhya Pradesh - 482004, in the month of In the month of Jul, Aug, Sep, Oct, Nov, Dec, Jan 2025 for its final scientific processing and disposal through waste to energy (WTE) production.

Details of RDF received are as follows:

Sr.No.	Supplier	Date	Location	Vehicle No	Quantity (Kg)
1	Ecogateway Pvt Ltd	02-07-24	Prayagraj	UP70JT8909	28,890
2	Ecogateway Pvt Ltd	02-07-24	Prayagraj	UP70JT7991	28,270
3	Ecogateway Pvt Ltd	03-07-24	Prayagraj	UP70ET2728	27,780
4	Ecogateway Pvt Ltd	05-07-24	Prayagraj	UP70FT8420	29,820
5	Ecogateway Pvt Ltd	07-07-24	Prayagraj	GJ16AU4214	36,700
6	Ecogateway Pvt Ltd	07-07-24	Prayagraj	UP72AT0033	34,800
7	Ecogateway Pvt Ltd	07-07-24	Prayagraj	UP72AT3430	36,800
8	Ecogateway Pvt Ltd	08-07-24	Prayagraj	UP70ET3535	25,170
9	Ecogateway Pvt Ltd	09-07-24	Prayagraj	UP70HT3017	23,300
10	Ecogateway Pvt Ltd	09-07-24	Prayagraj	UP70ET2205	29,040
11	Ecogateway Pvt Ltd	09-07-24	Prayagraj	UP63AT4317	31,240
12	Ecogateway Pvt Ltd	10-07-24	Prayagraj	MH40BG8841	29,810
13	Ecogateway Pvt Ltd	14-07-24	Prayagraj	UP70LT6662	23,490
14	Ecogateway Pvt Ltd	15-07-24	Prayagraj	UP70ET5813	24,250

**Jabalpur MSW Private Limited**  
 Khasara No. 375, 376 & 379, Village : Kathonda, District : Jabalpur, Police Station : Marhotaal  
 Post Office : Vidy Nagar Pin- 482002

Regd. Off. of Essel House, B-10, Lawrence Road, Industrial Area, New Delhi - 110035

CIN - U90001DL2013PTC247509

Essel  
Infra



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05<sup>th</sup> April 2024

RDF Waste Co-processing Certificate

This is to certify that we have received Refused Derived Fuel (RDF) quantities 7179 MT for Co-process the waste send by "ECOGATEWAY PVT LTD" from Waste processing facility Baswar, Naini, Prayagraj Uttar Pradesh at our "Prism Johnson Limited, Satna Plant" during the period of November-2023 to March-2024 (Annexure A attached)

For Prism Johnson Ltd

(Authorized Signatory)



**PRISM JOHNSON LIMITED**

(Cement Division - Unit II)

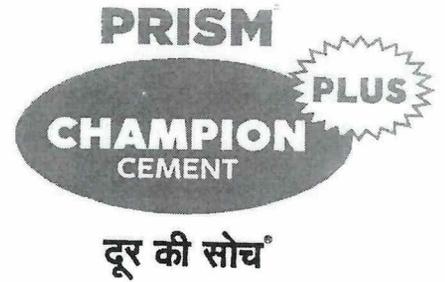
Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600

Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726

Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.  
w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014033





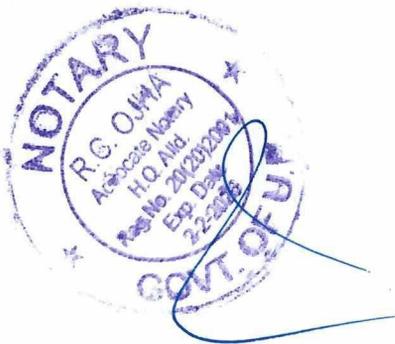
Co-Processing Certificate

Reference No.: Ecogateway/PRS/Jun-24

Date : 30/06/2024

This is to certify that **M/s Ecogateway Pvt Ltd** has supplied **2060.420 MT** Of RDF/Plastic Waste from **M/s BVG India Ltd, Baswar, Prayagraj** ot **Ms/ Prism Johnson Ltd**. Village Mankahari, Post- Rampur, Satna, Madhya Pradesh - 485111. in the month of in the month of **Aril, May, Jun-2024** for its final scientific processing and disposal.

For Prism Johnson Ltd.



**PRISM JOHNSON LIMITED**

(Cement Division - Unit II)

Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600

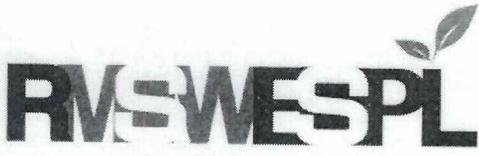
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726

Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.

w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014033





CIN : U90002TG2020PTC146662

REWA MSW ENERGY SOLUTIONS PVT. LTD.  
 (Subsidiary of Rewa MSW Holding Limited)  
 (Wholly owned Subsidiary of REEL)  
 Add.: Vill.-Pahadiya, P.O.: Sagra,  
 Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
 GSTIN : 23AAKCR6515L1Z4

RMSWESPL/RDF/EGW/23-24/01

Date: 31.03.2024

**TO WHOMSOEVER IT MAY CONCERN**

This is certified that M/s Ecogateway Pvt Ltd, Prayagraj have supplied 1688.11 MT of Refused Derived Fuel (RDF) extracted through Bio mining process at Baswar, Naini, Prayagraj Uttar Pradesh during the month of March-2024, for its final disposal at our 6 MW Waste to Energy Plant, at Rewa, M.P.

For Rewa MSW Energy Solutions Pvt. Ltd.

(Authorised Signatory)



Regd. & Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
 Hyderabad - 500032, Telangana State, India.

Ph. No. : +91-40-23015000, E-mail : cs.reel@ramky.com



CIN : U90002TG2020PTC146662

REWA MSW ENERGY SOLUTIONS PVT. LTD.  
 (Subsidiary of Rewa MSW Holding Limited)  
 (Wholly owned Subsidiary of REEL)  
 Add.: Vill.-Pahadiya, P.O.: Sagra,  
 Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
 GSTIN : 23AAKCR6515L1Z4

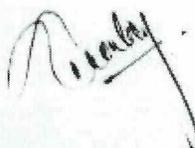
### Co-Processing Certificate

Reference No.: Ecogateway/REW/Jun-24

Date : 30/06/2024

This is to certify that M/s Ecogateway Pvt Ltd has supplied 12,766.695 MT Of RDF/Plastic Waste from M/s BVG India Ltd, Baswar, Prayagraj ot Ms/ Rewa MSW Energy Solutions Pvt Ltd, Pahadiya Village, Raura B.O. Post Office Raipur-Karchuliyan, Tehsil Rewa, Rewa (M.P.) in the month of in the month of Apr, May, Jun-2024 for its final scientific processing and disposal.

For Rewa MSW Energy Solutions Pvt Ltd

  
 Seal & Sign



Details of RDF received are as follows;

Regd. & Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
 Hyderabad - 500032, Telangana State, India.

Ph. No. : +91-40-23015000, E-mail : cs.reel@ramky.com







CIN : U90002TG2020PTC146662

REWA MSW ENERGY SOLUTIONS PVT. LTD.  
 (Subsidiary of Rewa MSW Holding Limited)  
 (Wholly owned Subsidiary of REEL)  
 Add.: Vill.-Pahadiya, P.O.: Sagra,  
 Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
 GSTIN : 23AAKCR6515L1Z4

Co-Processing Certificate

Reference No.: Ecogateway/REW/Aug-24

Date : 31/08/2024

This is to certify that M/s Ecogateway Pvt Ltd has supplied 931.560 MT Of RDF/Plastic Waste from M/s BVG India Ltd, Baswar, Prayagraj to Ms/ Rewa MSW Energy Solutions Pvt Ltd, Pahadiya Village, Raura B.O. Post Office Raipur-Karchuliyan, Tehsil Rewa, Rewa (M.P.) in the month of in the month of Jul, Aug-2024 for its final scientific processing and disposal.

For Rewa MSW Energy Solutions Pvt Ltd

*Ramky*



Seal & Sign

Details of RDF received are as follows;



Regd. & Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
 Hyderabad - 500032, Telangana State, India.

Ph. No. : +91-40-23015000, E-mail : cs.reel@ramky.com

*Ramky*



REWA MSW ENERGY SOLUTIONS PVT. LTD.  
 (Subsidiary of Rewa MSW Holding Limited)  
 (Wholly owned Subsidiary of REEL)  
 Add.: Vill.-Pahadiya, P.O.: Sagra,  
 Teh.- Raipur Karchuliyan Dist. - Rewa (M.P.)  
 GSTIN : 23AAKCR6515L1Z4

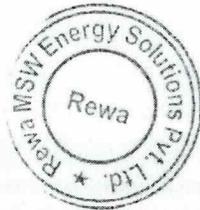
Reference No:- RMSWESPL/RDF/Prayagraj/Sep-24

Date:- 09/12/2024

To whom so ever it may concern

This is to certify that M/s Ecogateway Pvt Ltd, supplied RDF (Refused Derived Fuel) Quantity- 53.92 Ton from M/s BVG India Ltd, Baswar, Prayagraj (U.P) to M/s Rewa MSW Energy Solutions Pvt. Ltd, Pahadiya Village, Raura B.O. Post Office, Raipur Karchuliyan Tehsil, Dist-Rewa (M.P) in the Month of September-2024 for its final scientific processing and disposal at our 6 MW Waste to Energy Plant.

For Rewa MSW Energy Solutions Pvt Ltd



Authorised Signatory

Details of RDF received are as follows

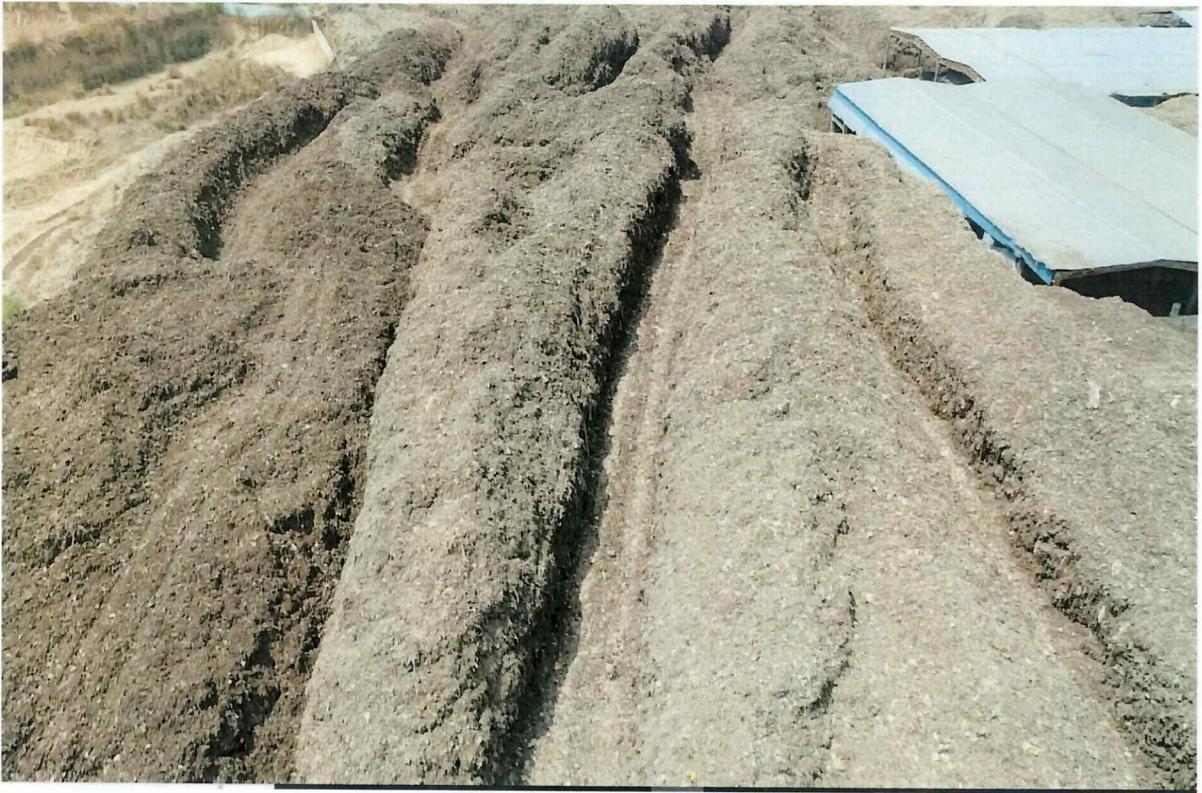


Regd. & Corporate Office: 13th Floor, Ramky Grandiose, Ramky Towers, Gachibowli  
 Hyderabad - 500032, Telangana State, India.

Ph. No. : +91-40-23015000, E-mail : cs.reel@ramky.com

Annexure-6

Before



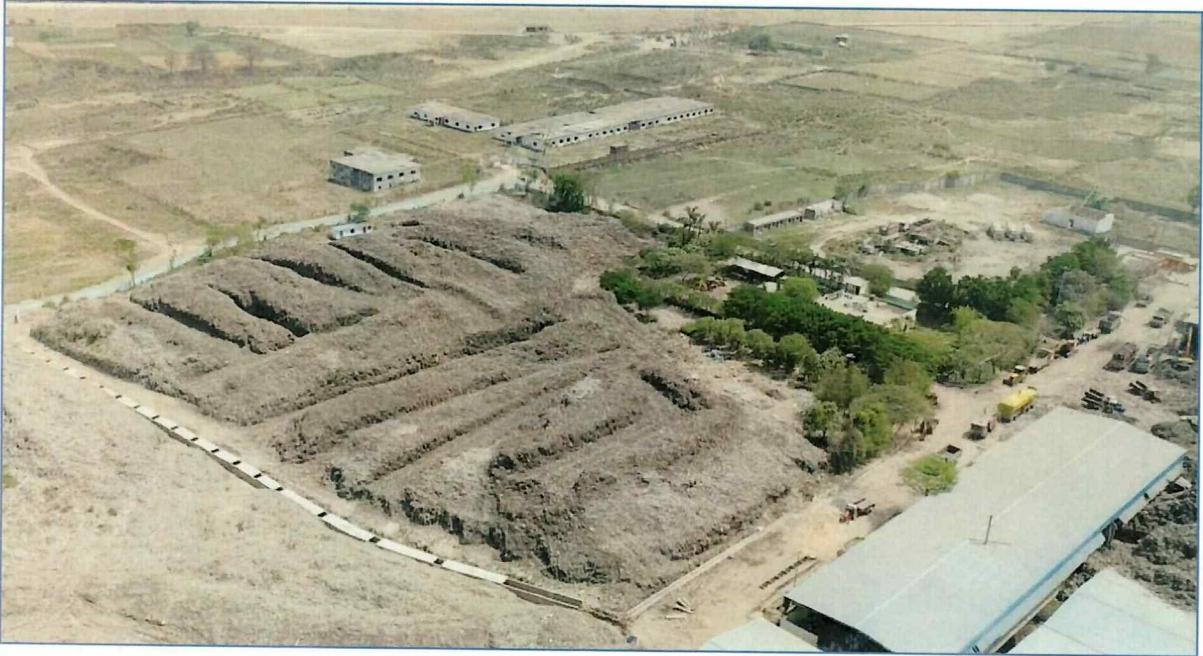
After



NOTARY  
R.G. OJHA  
Notary  
H.O. At  
Reg. No. 20/2012004  
Exp. Date  
2-2-2025  
GOVT. OF U.P.

*[Handwritten signature]*

**Legacy waste remediation Photograph  
Before**



**After**



NOTARY  
R.G. OJMA  
Associate Notary  
H.Q. Altd.  
Reg. No. 2012012167  
Exp. Date  
2-2-2026  
STATE OF U.T.

*[Handwritten signature]*