

**581**

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

Execution Application No. 23/2023

In

Original Application No. 75/2023

**In the matter of:**

Jaishree Bansal

Applicant

Vs.

Uttar Pradesh Pollution Control Board

Respondent

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<b>2.</b>	<b>Annexure- I</b> A copy of Hon'ble NGT order dated 05.07.2024.	
<b>3.</b>	<b>Annexure- II</b> A copy of letter dated 16.08.2024 issued by CPCB to UPPCB & Municipal Corporation Ghaziabad.	
<b>4.</b>	<b>Annexure- III</b> A copy of Physical Characterization Reports of treated and untreated waste.	
<b>5.</b>	<b>Annexure- IV</b> A copy of Ground water quality monitored by UPPCB during 2024 at Sahibabad under NWMP.	

*Rajkumar*

**Filed by Adv. Rajkumar  
(on behalf of Central Pollution Control Board)**

**Place: Delhi**

**Dated: 01.10.2024**

**582**

**COMMITTEE REPORT**

**(IN COMPLIANCE TO HON'BLE NGT ORDER DATED 05.07.2024**

**IN**

**E.A. NO. 23/2023 (OA NO. 75/2023),**

**JAISHREE BANSAL VS. UTTAR PRADESH POLLUTION CONTROL**

**BOARD)**



**CENTRAL POLLUTION CONTROL BOARD**

**(Ministry of Environment, Forest & Climate Change)**

**“Parivesh Bhawan”, East Arjun Nagar,**

**Delhi-110032**

# 583

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## 1.0 BACKGROUND

Hon'ble NGT vide order dated 5.07.2024 in the matter Jaishree Bansal Vs. Uttar Pradesh Control Board.) issued the following Directions:

**Para 9:** *“The Tribunal normally proceeds on the basis of such statement made by an authority like Municipal Commissioner, but since it has been disputed and no cogent supporting material has been produced, therefore, the truthfulness of such a statement is required to be verified. Hence, we constitute a committee comprising of the representative of the Member Secretary, Central Pollution Control Board (CPCB), not below the rank of Director and a representative of Ministry of Environment, Forest and Climate Change (MoEF&CC), Delhi not below the rank of Director. **The representative of CPCB will act as coordinator in the Committee.** The Committee will visit the site as early as possible but not later than ten days from today and will ascertain the correct position at Jagjeevanpur Site –I & II, the extent of treated/untreated waste lying there and will ascertain if leachate is flowing to the land of the Applicant or the waste is spilling over that land. The Committee will submit its report within four weeks...”*

A copy of Hon'ble NGT order is attached as **Annexure I.**

## 2.0 ACTION TAKEN BY CPCB

### 2.1 Constitution of Committee

The Committee comprising of officials from MoEFCC & CPCB as per details given below, was constituted as per Hon'ble NGT Directions:

1	Dr. Satyendra Kumar, Director, HSMD, MoEF&CC
2	Ms. Divya Sinha, Director & Divisional Head, UPC-II, CPCB

## 2.2 Task assigned to the Committee

Hon'ble NGT in its Order dated July 05, 2024 has directed the Committee to visit the Jagjeevanpur site to ascertain the following points:

- i. The extent of treated/untreated waste lying at the site
- ii. If the waste is spilling over the land.
- iii. If leachate is flowing to the land of the Applicant.

CPCB vide letter dated 16.08.2024 (**Annexure-II**) requested Member Secretary, Uttar Pradesh Pollution Control Board (UPPCB) & the Commissioner, Municipal Corporation, Ghaziabad (MCG) for deputing concerned officials to facilitate the Committee for site visit on 20.08.2024. Subsequently, site was visited by the Committee along with UPPCB & Municipal Corporation, Ghaziabad officials on 20.08.2024. Monitoring & sample analysis were conducted on September 04, 2024 through UPPCB in presence of CPCB officials.

Photographs taken during the visit is provided below. The observations during the visit are outlined in the following Sections:



**Figure 1: Visit by the committee at Jagjeevanpur/Bhikanpur Site.**

### 2.2.1 The extent of waste (treated/untreated) lying at the Site

As per information provided by the Municipal Corporation of Ghaziabad, the Site I and Site II have been merged into a single site, now referred to as Site II. The Jagjeevanpur site II, currently receives approximately 1600-1700 tons per day (TPD) of fresh waste from across Ghaziabad.

#### (a) Topographic Contour Survey at the site

A topographical contour survey of Jagjeevanpur site II, was conducted on September 04, 2024 to determine the area and quantity of treated and untreated waste present at the site. As per contour survey, Jagjeevanpur site II covers an area of approximately 29,675 m<sup>2</sup>. As per the Contour Survey report, volume & quantity of treated/untreated waste lying at the site is given in Table 1 & 2 below:

**Table 1: Contour survey results**

Items	Value
Location of site	(Lat. 28.667, Long. 77.449)
Total land area of the site	29,675.239 sqm.
Area of land occupied with untreated waste	27184 sq. m
Volume of untreated waste at site	4,40,846 cum
Area of land occupied with treated waste	2491 sqm.
Volume of treated waste at site (RDF)	40,396 cum

Table 2: Quantity of treated/untreated MSW stored at the site

Type of Waste	Volume (cum)	Density (g/cc)*	Quantity (Metric Tonnes )
Untreated waste at site	4,40,846	0.75	3,30,635
Treated waste at site (RDF)	40,396	0.20	8,079

\*Quantity of waste has been calculated by considering density of untreated & treated waste as 0.75 g/cc & 0.20 g/cc respectively.



Figure 2: Grab Sample collection of Treated & Untreated Waste at the site

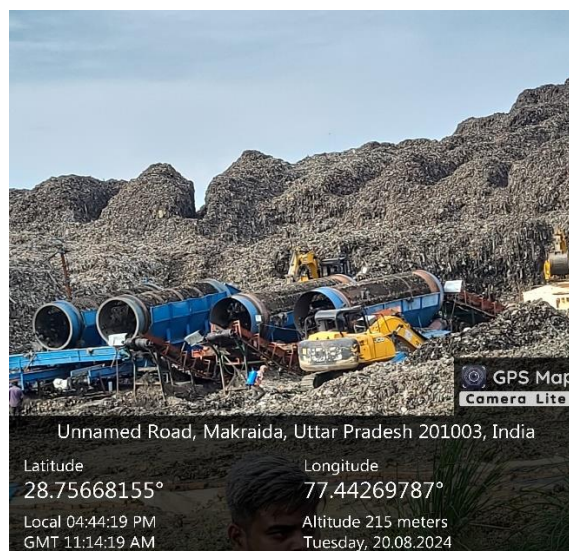


Figure 3: Contour survey at the site using Differential GPS method

Grab Samples of treated (RDF) and untreated waste were collected while making the assessment of the quantity of treated/untreated waste from the Jagjeevanpur site II. According to the physical characterization reports (**Annexure-III**) for both treated (RDF) and untreated waste at the site, the details of the major components are provided below in Table 3:

**Table 3: Composition of treated & untreated waste**

Components	Treated waste (RDF) (%)	Untreated waste (%)
Organic	0	61
Combustibles	91	32
Recyclables	2	3
Inerts	7	4



**Figure 4.** Processing of solid waste using one Supersonic & four trommel machines at the Site.

### 2.2.2 If the waste is spilling over the land

No waste spillage into the premises of applicant observed during the visit. The stored untreated waste is located approximately 8-12 feet from the boundary wall of applicant's premise. The average height of stored waste near the boundary wall of applicant is approx. 16 Meters.



Figure 5: Waste stored is approx. 8-12 feet distance from applicant’s boundary wall

**2.2.3 If leachate is flowing to the land of the applicant**

A temporary leachate collection drain has been provided on one side of the wall, and a soil bund has been constructed near the other side of the boundary wall. No leachate flowing into the premises of applicant observed during the visit.



Figure 6: Temporary leachate drain along applicant’s western wall.

**(a) Ground water sample taken from the premise of the applicant**

The groundwater quality results of sample analyzed from applicant's premise, Jagjivanpur, Ghaziabad on September 04, 2024) & at reference location namely Sahibabad industrial area, Ghaziabad is provided in table 4 below:

**Table 4: Ground water quality results at applicant's premise & reference location at Ghaziabad**

S.No.	Name of test Parameters	Unit	B.I.S. Specification for drinking water(10500:2012) (Acceptable & permissible limit)	Result at the applicant's premise (Jagjivanpur Site)	Reference location result (Sahibabad Industrial area, Ghaziabad-CPCB NWMP data)
1	pH at 25 °C	-	6.5-8.5	6.88	7
2	Turbidity	NTU	1	0	1
3	Colour	Hazen	5 to 15	Colourless *	Clear*
5	Total Dissolved Solids	mg/L	500-2000	510	2070
6	Total Hardness	mg/L	200-600	422	850
7	Ca Hardness	mg/L	75-200	124	588
8	Mg Hardness	mg/L	30-100	26.4	262
9	Iron (Fe)	mg/L	0.3	0.58	2.3
10	Total Cr	mg/L	0.05	ND	1.2
11	Cr+6	mg/L	0.05	ND	NA
12	Lead	mg/L	0.01	ND	0.00031
13	Copper	mg/L	0.05-1.5	ND	0.00035
14	Zinc	mg/L	5 to 15	ND	0.00059
15	Nickel	mg/L	0.02	ND	0.00054

\*Colour by Visual comparison method

- The total dissolved solids (TDS) is found to be 510 mg/L, which slightly exceeds the acceptable limit of 500 mg/L but is within the permissible limit of 2000 mg/L specified by BIS:10500, 2012, Drinking Water Standards.
- The organoleptic and physical parameters such as pH, turbidity, and color, are within the acceptable limits. Furthermore, concentration levels of toxic heavy

metals such as Chromium, Lead and Nickel are also found to be within the acceptable limits set by BIS.

- The iron concentration as Fe was found to be 0.58 mg/L, exceeding the BIS standard (0.3 mg/L, Acceptable limit). The exceeding concentration of Iron can impart a bad taste to the water, can cause discoloration in clothes and incrustations in water pipelines.
- Remaining parameters are within the permissible limit.
- Further, it may e be noted that according to CPCB National Water Quality Monitoring Program (NWMP) data (**Annexure-IV**) of ground water quality monitored by UPPCB during 2024 at Sahibabad Industrial area, Ghaziabad, the TDS & Iron concentration are found to be 2070 mg/L & 2.3 mg/L respectively.
- It is observed that concentration of TDS & Iron at reference location is higher than concentration found at applicant's premise.


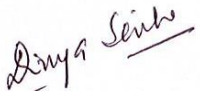


**Figure 7:** Ground water sample collection from submersible pump on applicant's premise

### 3.0 Conclusions

- (a) A total of 3,30,635 MT of Untreated waste (having > 60 % Biodegradable fraction) and 8,079 MT of treated waste (> 90% Combustible fraction) was found stored at the site.
- (b) No waste spilling into the premises of applicant was observed during the visit.
- (c) No leachate flowing into the premises of applicant was observed during the visit.

#### Signatures of the Committee Members

S.No,	Name & Designation of Committee Members	Signature
1	Dr. Satyendra Kumar (Director, HSMD, MoEF&CC)	
2	Ms. Divya Sinha (Director & Divisional Head, UPC-II, CPCB)	

\*\*\*\*\*

Item No. 11

Court No. 1

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI**

Execution Application No. 23/2023  
In  
Original Application No. 75/2023  
(I.A. No. 645/2023)

Jaishree Bansal

Applicant

Versus

Uttar Pradesh Pollution Control Board

Respondent

Date of hearing: 05.07.2024

**CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON  
HON'BLE MR. JUSTICE ARUN KUMAR TYAGI, JUDICIAL MEMBER  
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER**

Applicant: Ms. Jaishree Bansal, Applicant in Person

Respondent: Mr. Bhanwar Pal Singh Jadon, Mr. Chetan Jadon & Ms. Hemlata Singh,  
Adv. for the State of UP  
Mr. Malak Bhatt & Ms. Nitya Prabhakar, Adv. for Commissioner,  
Municipal Corporation, Ghaziabad

**ORDER**

1. In this execution application, the compliance relating to handling of solid waste at Village Jagjeevanpur, Pargana Jalalabad, District Ghaziabad is under consideration. The grievance of the Applicant is that the garbage which is collected at the site is destroying the 1500 sq. ft. of the Applicant's private land.

2. The Tribunal by order dated 01.04.2024 had accepted the prayer of Counsel for Municipal Corporation, Ghaziabad for granting three weeks' time to file a detailed comprehensive report. The direction of the Tribunal in this regard was as under:

“xxx ..... xxx.....xxx

5. In the aforesaid background, learned Counsel for the Municipal Corporation, Ghaziabad has sought three weeks' time to

*file a detailed comprehensive report. In that report, full particulars of generation and different modes of remediation of waste as also the current status of legacy waste at different sites will be disclosed. The fresh report will also disclose the status and timeline for setting up the facility on the additional 15 hectares of land and status of overflowing of the waste on applicant land. During the course of hearing, Commissioner, Municipal Corporation, Ghaziabad has disclosed that 1100 TPD waste is used for composting of which the full particulars have not been placed on record, therefore, let the same be also placed on record in the fresh report. Let this report be filed within a period of three weeks by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF.”*

3. The Commissioner, Municipal Corporation, Ghaziabad has filed the affidavit dated 03.07.2024 mentioning the waste processing capacity available at Jagjeevanpur Site – I and Site – II and Morta facility as under:

<b>Sl. No.</b>	<b>Location</b>	<b>Waste to Processing Capacity (TPD)</b>	<b>Operations at Site</b>	<b>Timeline to complete</b>	<b>Status Update (June 2024)</b>
1	Jagjivanpur / Bhikanpur Legacy Waste Site I having 2.69 lac ton	1200 TPD	The legacy waste processing started from October 2023 and till March 2024 approx 54% of the legacy waste was processed. The work on legacy waste was accelerated as the rainy season is approaching and space is required for storage and handling of fresh MSW. The space created by processing of legacy waste has been continuously used for fresh MSW storage and processing as there is no additional land available with Nagar Nigam yet.	June 2024	As per third party survey conducted by IIT Delhi, the legacy waste remaining as of 18 <sup>th</sup> May was 65k MT which has been processed by 30 <sup>th</sup> June. The land which has been vacated from legacy waste is being used for storing and processing for fresh MSW as no new land is available with Nagar Nigam.
2	Morta Facility	300 TPD	Operational since July 2022 till June 2023. Total Fresh Waste received at site 5.65 lac ton out of which 5.56 lac ton has been processed till May 2024.	July-24	As per third party survey conducted by IIT Delhi Approx 10k MT was remaining as of 18 <sup>th</sup> May 2024 out of which approximately 4k MT has been processed and balance shall be processed in July

					(subject to rains) and subsequently the site shall be handed over.
3	Jagjivanpur Fresh Waste Processing Site II (adjacent to Site I)	3200 TPD	<p>Site operational from July 2023. Total fresh waste generated in Ghaziabad is sent to this site currently as no other site available. The total fresh MSW sent over last one year is approx.. 6.5 Lac MT out of which approx. 3.3 lac MT has been processed.</p> <p>Since March 2024, new processing plant and machinery have been added that has increased the processing capacity to about 3200 TPD.</p>	Daily Ongoing Processing	As per third party survey conducted by IIT Delhi, the fresh MSW remaining as of 18 <sup>th</sup> May was 3 lac cum. The total fresh MSW processed till 30 <sup>th</sup> June is approx. 3.3 lac MT. The daily process mg capacity has increased to 3200 TPD but during rainy season, the processing work is expected to get hampered. Although the daily process mg capacity has increased to 3200 TPD, because of the initial stages of increase of capacity, the on ground daily processing is an average of 2000 TPD, which is 400TPD more than daily generation.
	<b>TOTAL</b>	<b>4700 TPD</b>			

4. In respect of details of utilization of 1100 TPD waste for composting, the disclosure in the affidavit is as under:

**“V. Details on the Utilization of 1100 Tons Per Day of Waste for Composting**

14. I state that the legacy waste processing site at Jagjivanpur, Site-1, has a capacity of 1,200 tons per day (TPD), while Site-2, designated for fresh waste processing, has a capacity of 1,200 TPD. Additionally; the Morta Facility for legacy waste processes 300 TPD, bringing the total capacity of these sites to 4,700 TPD. Furthermore, the Material Recovery Facility (MRF) at Ret Mandi has a capacity of 250 TPD, and the MRF at Sihani also processes 200 TPD. and a third MRF, with a capacity of 50 TPD, is under construction.

15. I state that the construction work for this MRF is complete, and the purchase of MRF machinery is underway. Thus, the total capacity of the MRFs stands at 450 TPD, handling solid waste for disposal, while the remaining fresh waste is collected and

*transported to the Jagjivanpur processing site, where it is processed using the windrow composting method. After processing, refuse-derived fuel (RDF) is transported to the Waste-to-Energy Plant at Mussoorie-Dasna, which has a capacity of 75 TPD, managed by Rollz India Waste Management Pvt. Ltd. It is pertinent to highlight that a Waste-to-Energy Plant with a capacity of 340 TPD for RDF disposal has been established, and its consent to operate has been approved by the Pollution Department, which at present is undergoing a trial run.”*

5. During the course of argument, learned Counsel for the Municipal Corporation, Ghaziabad had produced a photograph mentioning that the legacy waste at Jagjeevanpur Site – I has been cleared. He has submitted that at Jagjeevanpur Site-I 1200 TPD is received daily which is processed the same day but it takes around 15 – 20 days for clearing the processed material from the site meaning thereby at the most 24000 tonnes processed material and 1200 tonnes of unprocessed material at one time should be found stored in Jagjeevanpur Site – I. He has also stated that there is no legacy waste at Jagjeevanpur Site – II.

6. The photograph which has been produced today reflect the picture otherwise. From that photograph, we also gather that the processed/unprocessed waste is lying near the boundary wall of the premises of the Applicant. During monsoon when garbage contains high moisture and putrefaction rate also increases, generation of leachates cannot be ruled out.

7. Counsel for the Municipal Corporation, Ghaziabad has stated that no leachate is flowing in the land of the Applicant. Whereas the Applicant has submitted that the leachate is still flowing.

8. The above statements have been made by the Counsel for Municipal Corporation, Ghaziabad on the basis of the instructions from Mr. Vikramaditya Singh Malik, Commissioner, Municipal Corporation, Ghaziabad.

9. The Tribunal normally proceeds on the basis of such statement made by an authority like Municipal Commissioner, but since it has been disputed and no cogent supporting material has been produced, therefore, the truthfulness of such a statement is required to be verified. Hence, we constitute a Committee comprising of the representative of the Member Secretary, Central Pollution Control Board (CPCB), not below the rank of Director and a representative of Ministry of Environment, Forest and Climate Change (MoEF&CC), Delhi not below the rank of Director. The representative of CPCB will act as coordinator in the Committee. The Committee will visit the site as early as possible but not later than ten days from today and will ascertain the correct position at Jagjeevanpur Site -I & II, the extent of treated/untreated waste lying there and will ascertain if leachate is flowing to the land of the Applicant or the waste is spilling over that land. The Committee will submit its report within four weeks by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF.

10. The District Magistrate, Ghaziabad has also filed the action taken report stating that 44.25 acres of land was made available to the Municipal Corporation, Ghaziabad in Village Galand and Village Pipalhaida and that there was a public agitation at Galand. The report further states that land allotted in Villages Galand and Pipalhaida falls within the jurisdiction of District Magistrate, Hapur. Hence, a communication has been sent in this regard.

11. Counsel for the State is directed to file the further report disclosing the action on the proposed Waste to Energy Plant in the Villages concerned. Let the same be filed within four weeks by e-mail at [judicial-](mailto:judicial-)

[ngt@gov.in](mailto:ngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF.

12. List on 03.10.2024.

13. A copy of this order be forwarded to CPCB and MoEF&CC by e-mail for compliance.

Prakash Shrivastava, CP

Arun Kumar Tyagi, JM

Dr. A. Senthil Vel, EM

July 05, 2024  
Execution Application No. 23/2023  
In Original Application No. 75/2023  
(I.A. No. 645/2023)  
DV



599

केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

File No.: CM-13011/169/2024-LAW-HO-CPCB-HO

16/08/2024

To,

- The Member Secretary**  
Uttar Pradesh Pollution Control Board  
Building No. TC-12V, Vibhuti Khand, Gomti Nagar,  
Lucknow - 226010, Uttar Pradesh
- The Municipal Commissioner**  
Municipal Corporation Ghaziabad  
Navyug Market, Opp. Old Bus Stand,  
Ghaziabad - 201001, Uttar Pradesh

**Subject: Hon'ble NGT order dated 05.07.2024 in Execution Application No 23/2023 in Original Application No 75/2023 (I.A No 645/2023), Jaishree Bansal Verses Uttar Pradesh Pollution Control Board – reg.**

Sir,

This has reference to the directions dated 05.07.2024 issued by Hon'ble NGT in E A No 23/2023 in O A No 75/2023 (**Annexure I**) . Relevant part of Para 9 of the order is represented as under:

*"Hence we constitute a Committee comprising of the representative of the Member Secretary, Central Pollution Control Board (CPCB) not below the rank of Director and a representative of Ministry of Environment, Forest and Climate Change (MoEF&Cc) , Delhi not below the rank of Director . The representative of CPCB will act as coordinator in the committee. The committee will visit the site as early as possible but not later than ten days from today and will ascertain the correct position at Jagjiwanpur Site - I and II , the extent of treated /untreated waste lying there and will ascertain if leachate is flowing to the land of the Applicant or the waste is spilling over the land . The committee will submit its report within four weeks "*

In this regard, it is to inform that nominated representatives of CPCB ( Mrs Divya Sinha, Director & Divisional Head, UPC-II) & MoEF&CC (Dr Satyendra Kumar , Director, HSMD), as committee members shall be visiting the site on 20.8.2024 at 2.30 PM onwards. It is therefore requested to kindly depute the concerned official to facilitate the committee for site inspection in the aforementioned matter please.

The information available with CPCB w.r.t Solid Waste Management at Jagjiwanpur site I and II is enclosed (**Annexure II**) . It is also requested to provide the updated information by 16/8/2024 at 6.00 PM .

Yours faithfully

(Suniti Parashar)  
Scientist 'C' , UPC-II

Encl : As above

**'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032**

Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

दूरभाष/Tel: 43102030, 22305792, वेबसाइट/Website : www.cpbc.nic.in

**Copy to:**

1. Dr. Satyendra Kumar: **For kind information, please.**  
Director, Hazardous Substance Management Division,  
Ministry of Environment & Forests & Climate Change  
2nd Floor, Jal Wing,  
Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003
2. The Regional Officer, Ghaziabad: **For information and to facilitate the site visit, please.**  
Uttar Pradesh Pollution Control Board  
2 I.N.S. Sector-16, Vasundhara, Post- Prahalad Garhi, Ghaziabad
3. DH, Law Section: **For information, please.**
4. PS to MS: **For kind information to 'MS', please.**

*Suniti*

(Suniti Parashar)

o/c



# PHOTRON LABORATORIES PVT. LTD.

Annexure - III

(ISO 9001-2015, 14001-2015, ISO 45001 : 2018 Certified Laboratory)

Plot No. G-19, Kh. No. 76/7 & 76/14, Laxmi Park Nangloi, West Delhi-110041

E-mail : photron.labs@gmail.com | vermashivendra70@gmail.com | cm.tripathi35@gmail.com

M : 8851624436, 9312566193, 9818282411

### \*Test Report\*

Issued To :	M/s U P Pollution Control Board Vasundhara, Ghaziabad, Dist- Ghaziabad (UP).	Report No.	: RDF-11092024--002
		Date Of Sample Issue	: 04.09.2024
Nature of the Sample:	RDF	Test Started on	: 04.09.2024
		Test Completed on	: 11.09.2024
Sample ID	PLPL/LAB/040924-002	Date of Issues Report	: 11.09.2024

Date of Sampling : 04.09.2024  
 Sampling Location : MSW Processing Plant, Jagjivanpur Site, Pipeline Road, Ghaziabad.

Total Wt.(Kg) : 20.98 (RDF)

### RDF PHYSICAL CHARACTERIZATION REPORTS

S NO.	Components	Weight of Component (kg)	Percentage of component (%)
1.	Kitchen waste	0	0
2.	Vegetables Chhilka / Maiz Chhilka	0	0
3.	Fruits Chhilka	0	0
4.	Dry Sugar Canes	0	0
5.	Coconut shell/hair	0.83	3.96
6.	Straw/Hey	0	0
7.	Flowers	0	0
8.	Green leaves/Green Matter	0	0
9.	Dry leaves/Dry Matter	0.23	1.1
10.	Wooden Pieces	0.84	4.0
11.	Broom	0	0
12.	Cardboard (wooden)	0	0
13.	Paper/Cardboard	0	0
14.	Textile/cotton/Jute	5.24	24.97
15.	Polythene / Plastic	10.22	48.71
16.	Rubber/ Leather/ Tyre	1.70	8.10
17.	PVC	0	0
18.	Thermocol	0	0
19.	Metals	0.21	1.0
20.	Glass	0.23	1.1
Inert and other			
21.	Sand/soil/earth	0.85	4.05
22.	Small Stones	0.63	3.0
23.	Ceramic and other	0	0
24.	Human Hair	0	0
25.	Batteries	0	0
26.	Hazardous waste (if any)	0	0
27.	<b>Total</b>	<b>20.98kg</b>	

Checked By:

\*\*Report End\*\*

Authorized Signatory:



Note:-

- The result given above are related to the tested sample , for various parameter as observed at the time of sampling.
- The customer asked for the above tests only .
- This test report will not be used for any publicity/legal purpose.
- This test samples will be disposed off after one months from the date of issue of test report , unless until specified by the customer.
- The Report can not be used as evidence in a court of a law without the written approval of the lab.



# PHOTRON LABORATORIES PVT. LTD.

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(ISO 9001-2015, 14001-2015, ISO 45001 : 2018 Certified Laboratory)

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## \*Test Report\*

Issued To :	M/s U P Pollution Control Board Vasundhara, Ghaziabad, Dist- Ghaziabad (UP).	Report No.	: MSW-11092024--001
		Date Of Sample Issue	: 04.09.2024
		Test Started on	: 04.09.2024
		Test Completed on	: 11.09.2024
Nature of the Sample:	MSW Physical Segregation	Date of Issues Report	: 11.09.2024
Sample ID	PLPL/LAB/04.09.2024		

Date of Sampling : 04.09.2024  
Sampling Location : MSW Processing Plant, Jagjivanpur Site, Pipeline Road, Ghaziabad.  
Weather : Clear  
Total Wt.(Kg) : 20.67 (Fresh Waste)

### MSW PHYSICAL CHARACTERIZATION REPORTS

S NO.	Components	Weight of Component (kg)	Percentage of component (%)
1.	Kitchen waste	0.51	2.46
2.	Vegetables Chhilka / Maiz Chhilka	8.90	43.06
3.	Fruits Chhilka	1.76	8.51
4.	Dry Sugar Canes	0	0
5.	Coconut shell/hair	1.38	6.68
6.	Straw/Hey	0	0
7.	Flowers	0.23	1.11
8.	Green leaves/Green Matter	1.22	5.90
9.	Dry leaves/Dry Matter	0.86	4.16
10.	Wooden Pieces	0.81	3.92
11.	Broom	0	0
12.	Cardboard (wooden)	0	0
13.	Paper/Cardboard	0.82	3.97
14.	Textile/cotton/Jute	0.26	1.25
15.	Polythene / Plastic	2.33	11.27
16.	Rubber/ Leather/ Tyre	0.16	0.77
17.	PVC	0	0
18.	Thermocol	0.06	0.29
19.	Metals	0	0
20.	Glass	0.51	2.46
<b>Inert and other</b>			
21.	Sand/soil/earth	0.34	1.64
22.	Small Stones	0.52	2.52
23.	Ceramic and other	0	0
24.	Human Hair	0	0
25.	Batteries	0	0
26.	Hazardous waste (if any)	0	0
27.	<b>Total</b>	<b>20.67kg</b>	<b>100%</b>

Checked By :

\*\*Report End\*\*

Authorized Signatory:



Note:-

- The result given above are related to the tested sample, for various parameter as observed at the time of sampling.
- The customer asked for the above tests only.
- This test report will not be used for any publicity/legal purpose.
- This test samples will be disposed off after one months from the date of issue of test report, unless until specified by the customer.
- The Report can not be used as evidence in a court of a law without the written approval of the lab.

Submitted 1752-Sahibabad Industrial Area, Ghaziabad, U.p Details for 01-04-2024

LOCATION DETAILS, STATION DETAILS, CORE PARAMETERS, BIO-MONITORING, GENERAL PARAMETERS, PESTICIDES, METALS.

LOCATION DETAILS

SPCB/RO Name:  Sampling Date:  Sampling Time:

Station Code:  Name of Monitoring Stations:

Type of the Water Body:

Name of the Water Body:  River Basin:

Name of Sub Basin:  District:

State Name:  Name of Monitoring Agency:

Frequency of the Monitoring:  Location Details:

Latitude:  Longitude:

CORE PARAMETERS

Water Temperature (°C):   Not Analysed

Dissolved Oxygen (mg/L):   BDL  Not Analysed

pH:   BDL  Not Analysed

Conductivity (µmho/cm):   BDL  Not Analysed

BOD (mg/L):   BDL  Not Analysed

Nitrate-N (mg/L):   BDL  Not Analysed

Nitrite-N (mg/L):   BDL  Not Analysed

Total Coliform (MPN/100ml):   BDL  Not Analysed

Fecal Coliform (MPN/100ml):   BDL  Not Analysed

Fecal Streptococci (MPN/100ml):   BDL  Not Analysed

NEW PARAMETERS

Ammonical Nitrogen (NH<sub>4</sub>-N):   BDL  Not Analysed

Carbonate (CO<sub>3</sub>-):   BDL  Not Analysed

Bicarbonate (HCO<sub>3</sub>-):   BDL  Not Analysed

2,4-Dichlorophenoxyacetic acid:   BDL  Not Analysed

Sulphate Endosulfan:   BDL  Not Analysed

Polynuclear Aromatic Hydrocarbons (PAH):   BDL  Not Analysed

Polychlorinated Biphenyls (PCB):   BDL  Not Analysed

Trihalomethanes (THM):   BDL  Not Analysed

Chlorophyll:   BDL  Not Analysed

Total Plankton Count:   BDL  Not Analysed

Productivity:   BDL  Not Analysed

E.Coli\*:   BDL  Not Analysed

USE OF WATER IN DOWN STREAM

Irrigation  Industrial  Domestic

Cultivation  Fishing  Bathing Ghat

Others  Drinking Water Source  Organized Water Source

HUMAN ACTIVITIES

Bathing  Washing  Cultivation

Fishing  Boating  Gardening

Tourism Spot  Cattle Wading  Others

Idol Emersion Wading

STATION DETAILS

Use Based Class:  Major Polluting Sources:

Visible Effluent Discharges:  Weather:

Depth of Water Body (Metre):  Floating Matter:

Colour:  Odour:

GENERAL PARAMETERS

Turbidity (NTU):   BDL  Not Analysed

P-Alkalinity (mg/L):   BDL  Not Analysed

T-Alkalinity (mg/L):   BDL  Not Analysed

Chlorides (mg/L):   BDL  Not Analysed

Flow m<sup>3</sup>/Sec.

BIO MONITORING

Saprobity Index	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Diversity Index	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
P/R Ratio	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed

METALS

Arsenic (Total)(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Cadmium(mg/L)	0.00042	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Copper(mg/L)	0.00035	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Lead(mg/L)	0.00031	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Chromium (Total)(mg/L)	1.2	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Nickel(mg/L)	0.00054	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Zinc(mg/L)	0.00059	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Mercury(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Iron (Total)(mg/L)	2.3	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Aluminium(mg/L)	<input type="text"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Silver(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Cobalt(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Manganese(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Molybdenum(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Selenium(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Cyanide(mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed

Any Other

POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Naphthalene (µg/l)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Acenaphthylene (µg/l)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Acenaphthene (µg/l)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Fluorene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Phenanthrene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed

COD (mg/L)	5	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Total KJELDAHL-N (mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Ammonia Nitrogen (mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Total Hardness as CaCO <sub>3</sub> (mg/L)	850	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Calcium as CaCO <sub>3</sub> (mg/L)	588	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Magnesium as CaCO (mg/L)	262	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Sulphate (mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Sodium (mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Total Dissolved Solids (mg/L)	2070	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Total Fixed Solids (mg/L)	76	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Total Suspended Solids (mg/L)	48	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Total Phosphate (mg/L)	0.2	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Ortho Phosphate (mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Boron (mg/L)	0.5	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Potassium (mg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Fluoride (mg/L)	0.2	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
% Sodium	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
SAR	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed

Any Other

PESTICIDES

Alpha HCH (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Beta HCH (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
GAMMA HCH (Lindane) (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Delta-HCH (µg/L)	<input type="text"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
o,p'- DDE (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
p,p'- DDE (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
o,p'- DDD (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
p,p'- DDD (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
OP-DDT (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
PP-DDT (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Alpha Endosulphan (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Beta Endosulphan (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Aldrin (µg/L)	0.05	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed

Anthracene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Fluoranthene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Pyrene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Benzo(a)Anthracene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Chrysene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Benzo(b)Fluoranthene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Benzo(k)Fluoranthene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Benzo(a)Pyrene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Benzo(g,h,i)Perylene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Dibenzo(a,h)Anthracene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Indeno(1,2,3-Cd)Pyrene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed

Dieldrin (µg/L)	<input type="text" value="0.05"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
P-24D (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Chloropyrifos (µg/L)	<input type="text" value="0.5"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Carbamate (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Methyl Parathion (µg/L)	<input type="text" value="0.5"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Anilophos (µg/L)	<input type="text"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed
Isoprofuron (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Alachlor (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Atrazine (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Monochorotophos (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Ethion (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Phorate (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Butachlor (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Chlorandane (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Heptachlor (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Hexachlorobenzene (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Phosphamidon (µg/L)	<input type="text"/>	<input type="checkbox"/> BDL	<input checked="" type="checkbox"/> Not Analysed
Malathian (µg/L)	<input type="text" value="0.5"/>	<input checked="" type="checkbox"/> BDL	<input type="checkbox"/> Not Analysed