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उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
UTTAR PRADESH POLLUTION CONTROL BOARD

पत्रांक संख्या- H.99928/सी-5/141/OA No 431/23

दिनांक 25/08/23

To,

The Registrar General,
Principal Bench,
Hon'ble National Green Tribunal,
Copernicus Marg, New Delhi-110001

Sub: Regrading Joint Committee Report in compliance of Order dated 01.08.2023 O.A. No. 431/2023 In Re: Chandra Prakash Vs State of Uttar Pradesh & Ors.

Sir,

In compliance to the order dated 01.08.2023 passed by this Hon'ble National Green Tribunal in O.A. No. 431/2023 In Re: Chandra Prakash Vs State of Uttar Pradesh & Ors., the Joint Committee Report is hereby attached with a request to put up before Hon'ble National Green Tribunal for kind perusal and consideration.

Enclosure: As above.

Your's Sincerely,

(Dr. Ram Karan)

**Chief Environmental Officer,
Circle-5**

Copy to:

1. Member Secretary, UPPCB, Lucknow.
2. District Magistrate, Lucknow.
3. Shri Pradeep Mishra, Advocate for UPPCB.
4. Law Officer-I, UPPCB, Lucknow.
5. Regional Officer, UPPCB, Lucknow.

**Chief Environmental Officer,
Circle-5**

**JOINT INSPECTION REPORT OF PORTABLE AND COMPACT
TRANSFER STATION FOR MUNICIPAL SOLID WASTE, AMAR
SHAHEED PATH, SOUTH CITY, LUCKNOW, U. P.**

IN THE MATTER OF


Chandra Prakash Vs State of U. P. (O. A. No. 431 of 2023)

A. Background:

Hon'ble NGT, Principal Bench, New Delhi has passed order on dated 01.08.2023 for joint inspection of Portable and Compact Transfer Station for Municipal Solid Waste, Shaheed Path South City, Lucknow, U. P. in the matter of Chandra Prakash Vs State of U. P. (O. A. No. 431 of 2023). The relevant portion of the order is as below: -

"...2. Prima facie, the averments made in the application raise questions relating to environment arising out of the implementation of the enactments specified in Schedule I to the National Green Tribunal Act, 2010.

3. In view of the averments made in the application, we consider it appropriate that a Joint Committee be constituted to verify the factual position and take appropriate remedial action. Accordingly, we constitute a Joint Committee comprising of Uttar Pradesh Pollution Control Board (UPPCB), District Magistrate (DM), Lucknow and Commissioner, Municipal Corporation, Lucknow and direct the same to meet within one week, undertake visits to the site, look into the grievances of the applicant, verify the factual position and take appropriate remedial action by following due course of law. The Committee may also refer to order of this Tribunal dated 27.07.2023 in O.A. No.654/2022 (Priyadarshini Colony D, residence Welfare Society) particularly regarding operation and maintenance of transfer stations and emphasizing on immediate transportation of waste to the processing site rather than secondary storage. The UPPCB will be the nodal agency for coordination and compliance.



4. Factual and Action taken Report may be submitted within two weeks by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF.

5. List for further consideration on **28.08.2023....**”

Copy of reference NGT order is annexed as **Annexure-1**.

Subsequently, inspection of Portable and Compact Transfer Station for Municipal Solid Waste, Shaheed path South City, Lucknow, U. P. was carried out by a joint team comprising officials from District Administration, Lucknow Municipal Corporation, Lucknow and UPPCB, Regional Office, Lucknow on 17.08.2023. The salient details, observation and recommendation based on the inspection is summarized as below:

B. Salient Details:

1.	Population that Area	One lac Approx.
2.	Solid Waste Generation (MT/d)	40
3.	Solid Waste Collection (MT/d)	40
4.	Gap	Nil
5.	Reason for gap	N.A.
6.	MSW Facility exist	Yes
7.	Name of Station	Portable and Compact Transfer Station for Municipal Solid Waste
8.	Location	Shaheed path South City, Lucknow, Uttar Pradesh
9.	Operated By	Municipal Corporation, Lucknow
10.	Contact Person	Sh. Sanjeev Pradhan (Environmental Engineer)
11.	Contact Detail	+91 8726796666
12.	Period of commencement	8 years
13.	Number of employees	260
A	Managerial	13

B	Operations/Support staff	254
14.	Area of the Site	Approx. 5000 Square Meter
15.	Scope of work	Compact and Transfer of MSW to Processing Plant at Mohan Road, Pankhera Chauraha, Shivri Village, Lucknow, Uttar Pradesh
16.	<u>Door-to-door waste collection</u>	
A	Number of wards catered	13
17.	Legacy waste exist	No
18.	Total no. of PC (Portable Compactor) Machine	03
19.	Number PCTS operational	Nil
20.	<u>Transportation of MSW</u>	
A	Exclusively by the facility (MT/d)	--
B	By Municipal Corporation (MT/d)	40 MT/D
C	Number of Facility owned vehicles	--
D	GPS enabled	Yes
E	Number of other vehicles (Municipal Authority)	55 (working Vehicle)
21	Leachate Handling Facility	Tender Initiated for LTP.
22	Disposal of Leachate	Proposed to collect in Leachate collection tank & by tankers it is sent to STP Daulatganj for treatment along with sewage.

C. Observations:

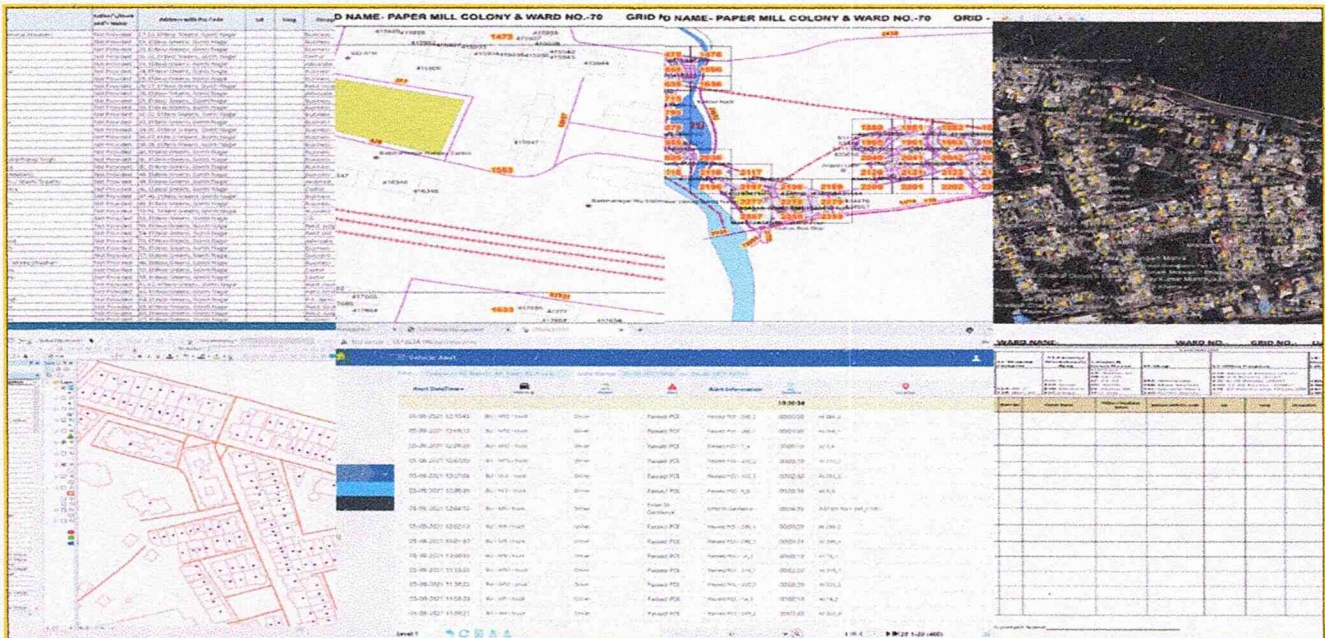
1. The Portable and Compact Transfer Station for Municipal Solid Waste, Shaheed path South City, Lucknow, Uttar Pradesh having capacity of 40 TPD of MSW. It is spread over an area of approx. 5000 Square Meter. Where municipal solid waste collected and it is sent to Main Processing Plant at Mohan Road, Pankhera Chauraha, Shivri Village, Lucknow, and Uttar Pradesh.
2. The plant is established on September 2017. Earlier, the plant is operated by M/s Jyoti Envirotech, till 21.03.2017. But, due to operational issue, work for solid waste management of Lucknow City has been assigned to M/s Eco-green Energy Lucknow Pvt. Ltd. Lucknow.
3. The Portable and Compact Transfer Station (PCTS) Machines were not operational at the time of inspection.
4. One MRF Centre was also installed in the premises, but was not found in operational at the time of inspection.
5. LMC is presently carrying out following work for management of solid waste:
 - i. Door-to-Door collection of Municipal Solid Waste (MSW)
 - ii. Secondary Waste collection from designated points
 - iii. Transportation of MSW from secondary collection points to Process Plant
6. The primary waste collection from door to door is carried out by the LMC in 13 wards of Nagar Nigam Zone-8. The Nagar Nigam Zone-8 wards covers 13.
7. The questioning area in Lucknow Nagar Nigam Zone 08 and the avg. waste generation of that area as reported is approx. 40 TPD which is temporary storage at Portable and Compactor Transfer Station, Shaheed path South City, Lucknow and sent to Processing Plant at Mohan Road, Pankhera Chauraha, Shivri Village, Lucknow, Uttar Pradesh.
8. The facility at Portable Compactor Transfer Station comprises Total No. of working vehicle 55 (Portable Compactor 03 No.), 01 Bolero, Tata Intra- 23, Piaggio-03, Old New Tata ACE -7, Dost (Ashok Leyland) CNG-4, Dost (Ashok Leyland)-1, Tractor-2 Tata ACE CNG-14).
9. In case the Portable Compactor are under transportation to waste processing plant at Village-Shiveri, Then the solid waste collected from door to door is temporally stored in the covered shed 4-5 hours maximum.

10. As reported, GPS system has been installed in the vehicles used for transportation of Solid Waste to the facility.
11. During the inspection the station does not have proper leachate collection tank and Leachate was found spread on the land in the site. One leachate collection tank is proposed to install.
12. Leachate generated during the compaction and the temporally stored in the pit and by tankers it is send to STP Daulatganj for treatment along with sewage.
13. During the inspection time no solid waste was found at that station.
14. During inspection, it was observed that boundary wall of the station has low height from two sides. Main gate of the station is always open because gate was damage which causes may be entry of animals around the waste collected.
15. This transfer station is Portable Compactor Transfer station so waste doesn't touch ground.

D. Action Taken-

1. The said Portable Compactor Transfer Station (PCTS) was being operated by Ecogreen Energy Lucknow Private Limited but due to non-maintenance of Portable Compactor Machines by Ecogreen Energy Lucknow Private Limited machines got defunct, the Lucknow Municipal Corporation decided to terminate the concessionaire on 6th July 2023 and started planning to achieve long term goals of solid waste management in accordance with the provisions of Solid waste Management Rules 2016 and Swachh Bharat Mission. For Repairing of Portable Compactor (PC) Machines & Hook Loader LMC has awarded "Repair & Maintenance Works for Portable Compactor Transfer Station (PCTS) & Hook Loader" to TPS Infrastructure Ltd.
2. As per long term action plan initiative MRF cum PCTS civil work has been completed in site premises and LMC has initiated a tender for "Selection of Contractor for Door-to-Door Collection of Municipal Solid Waste, Collection storage & transfer of Domestic hazardous waste, installation and **operation of MRF & TS/MTS/FCTS**, Manual/Mechanical Road Sweeping and Drain Cleaning in Zone-8 of Lucknow Municipal Corporation" and it will be operational within 03 months .
3. LMC is presently carrying out following work for management of solid waste:
 1. Door-to-Door collection of Municipal Solid Waste (MSW)

2. Secondary Waste collection from designated points
3. Transportation of MSW from secondary collection points to Process Plant
4. The primary waste collection from door to door is carried out by the LMC in all 13 wards of Zone-8 of Lucknow Nagar Nigam.
5. The questioning area in Lucknow Nagar Nigam Zone 08 and the avg. waste generation of that area as reported is approx. 40 TPD which is temporary storage at Portable and Compact Transfer Station, Shaheed path South City, Lucknow and sent to Processing Plant at Mohan Road, Pankhera Chauraha, Shivri Village, Lucknow, Uttar Pradesh.
6. To enhance the efficiency of waste collection, it is essential to monitor the vehicles engaged in door-to-door collection. Lucknow Nagar Nigam has addressed this need by implementing an IOT-based monitoring mechanism. This mechanism encompasses several components: the creation of Grid-wise Ward Survey Maps, the formulation of Survey Data Collection Formats, detailed data collection for each building during the door-to-door survey, data entry into Excel spreadsheets, rigorous quality checks for survey data, mapping of the survey data into GIS systems, and the eventual conversion of GIS data into KML files.



Point of Interest (POI) establishment on every road within the Geographic Information System (GIS), followed by the export of POI data to Excel and KML formats. Subsequently, the POI data will be uploaded onto the Vehicle Tracking System (VTS) server. This will enable the monitoring of routes on a daily basis using POI-based

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tracking. Furthermore, daily reports will be generated based on POI data and submitted to the Urban Local Body (ULB).

7. Leachate generated at Portable and Compact Transfer Station, Shaheed path South City, Lucknow is stored at drain available at site. Fund of RS. 68 Lacs has been provided to LMC under 15th Finance Commission for Leachete Collection Tank, Construction of Platform, Repairing of main Gate, Green Area Development & Upgradation of Boundary Wall. Estimates have been approved for construction of Leachete Collection Tank, Construction of Platform, Repairing of main Gate, Green Area Development & Upgradation of Boundary Wall at Portable and Compact Transfer Station, Shaheed path South City, Lucknow.

E. Recommendations:

Lucknow Municipal Corporation should prepare the earliest Time bound Action plan to comply with the following:-

1. Proper Leachate collection system should be installed in the station.
2. Lucknow Municipal Corporation should provide adequate green belt around the Station.
3. Lucknow Municipal Corporation shall ensure the compliance of different provision of Solid Waste Management Rules, 2016 and Construction and Demolition Waste management Rules, 2016 and particularly disposal of different fraction of solid waste viz. inert, recyclable material, C & D Waste etc.
4. The Lucknow Municipal Corporation must install proper floor lining on the MSW Unloading and Loading area.
5. The Lucknow Municipal Corporation should immediately make sure to install the gate of the station.

Inspection Team:


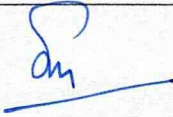


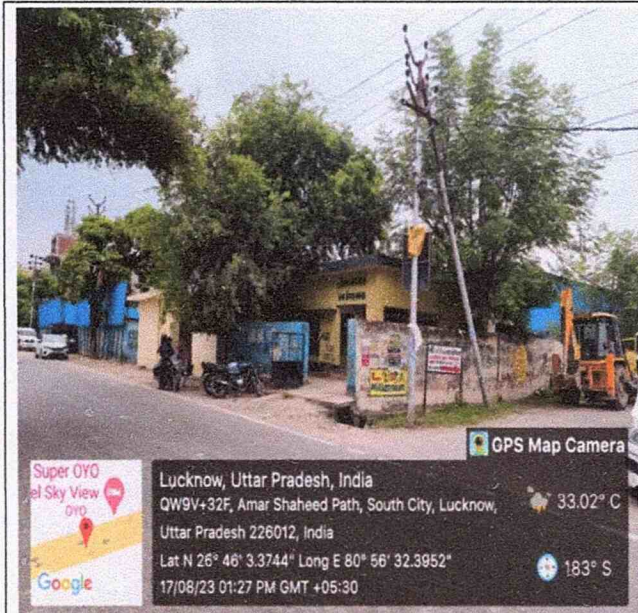
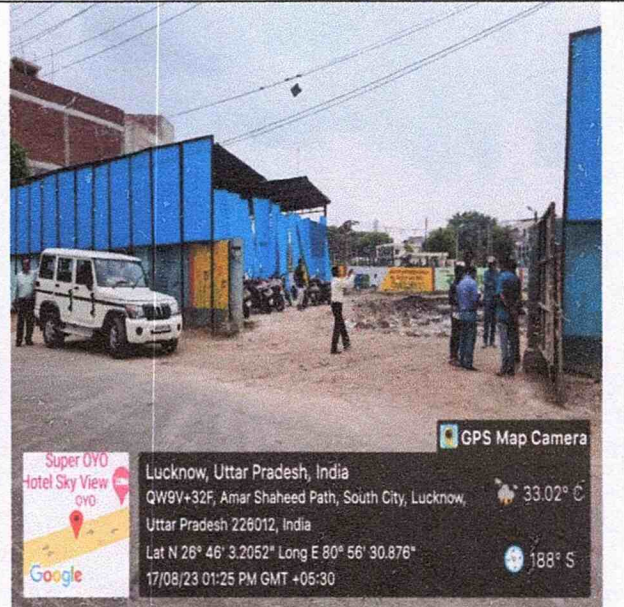
Sr. No.	Name of Inspecting Officers	Designation	Signature
1	Sachin Verma	Sub-Divisional Magistrate, Sarojininagar Lucknow	
2	Sanjeev Pradhan, Environmental Engineer,	Nagar Nigam, Lucknow	
3	Vinod Kumar	Assistant Environmental Engineer, Regional Office, U.P. Pollution Control Board, Lucknow.	
4	Himanshu Sonkar	Scientific Assistant, Regional Office, U.P. Pollution Control Board, Lucknow.	

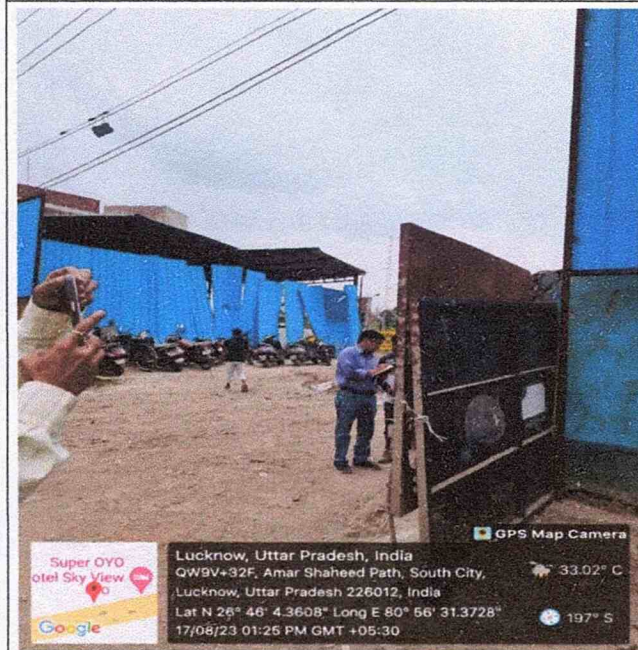
Photo Gallery of the Portable and Compact Transfer Station for Municipal Solid Waste, Shaheed path South City, Lucknow, Uttar Pradesh in the matter of Chandra Prakash Vs State of U. P. (O. A. No. 431 of 2023)



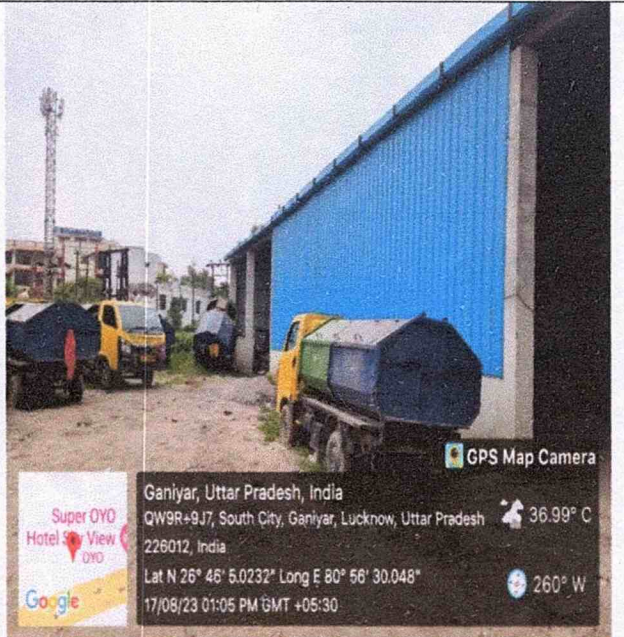
Photograph-1



Photograph-2



Photograph-3



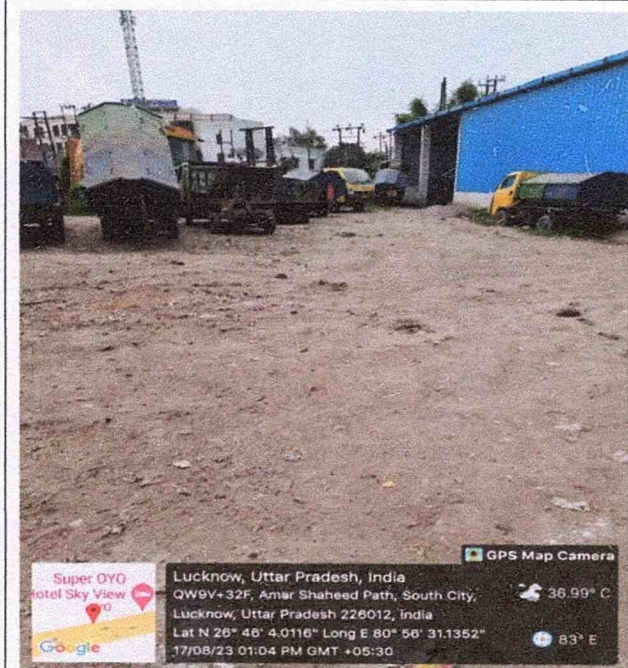
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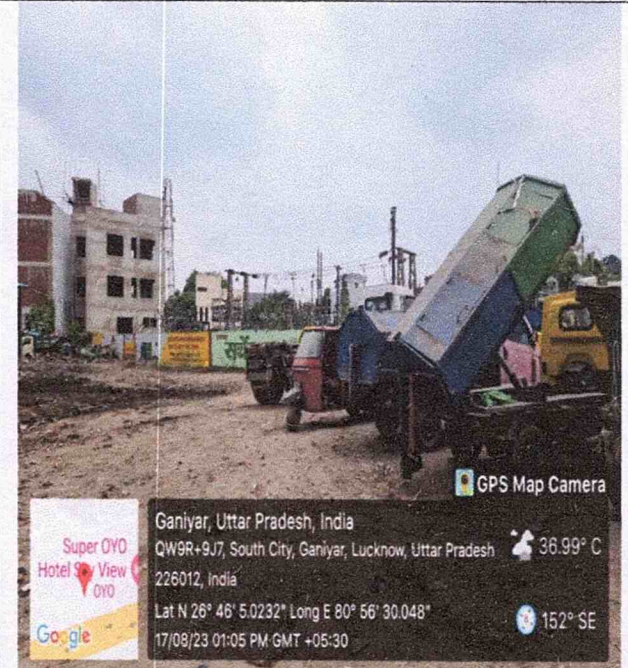
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Photograph-6

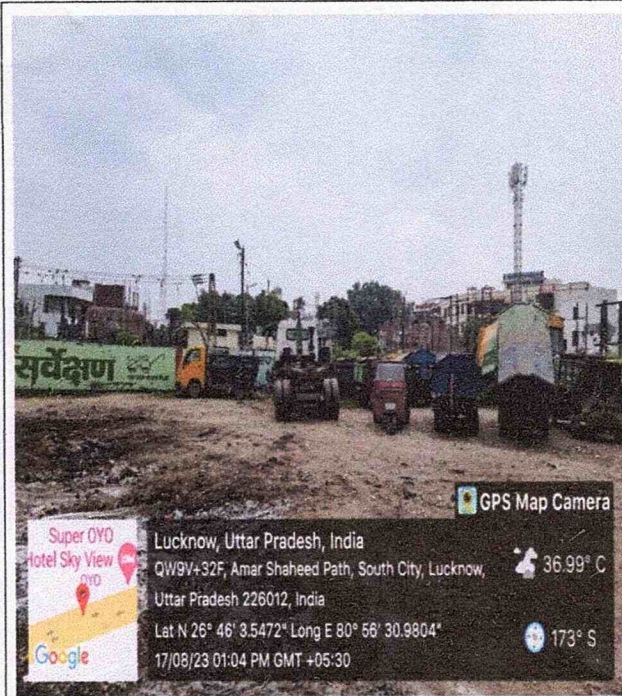


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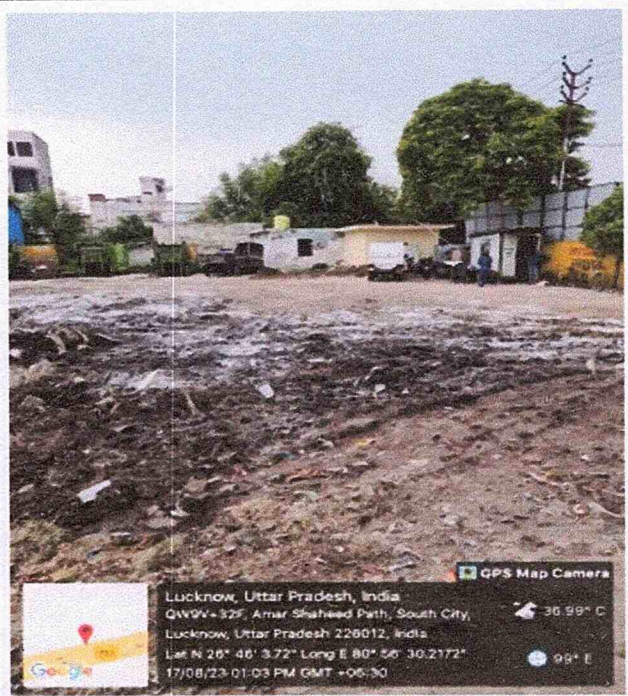


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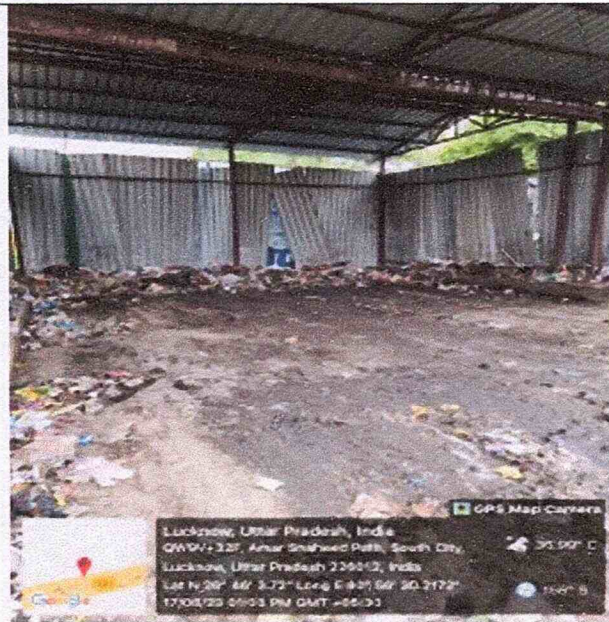
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Photograph-9



Photograph-10



Photograph-11



Photograph-12