To,

The Registrar (General),
National Green Tribunal
Principal bench
New Delhi

No. 56/G1/O.A 108/ Lokesh Kumar Khurana/2023 Date 24.04.2023

Subject : **Report in compliance of order dated 21-02-2023 passed by NGT on OA No 108/2023 titled by Lokesh Kumar Khurana Versus State of Uttar Pradesh & Ors.**

Sir,

In reference to the above O.A., Hon'ble Tribunal on dt. 21-02-2023 issued directions, effective part of which status that:-

> *"3. In our view, a substantial question relating to environment due to implementation of Scheduled Enactments under National Green Tribunal Act, 2010 (hereinafter referred to as 'NGT Act, 2010') has arisen but before taking any further action in the matter, we find it appropriate to obtain a 2 factual report for purpose whereof, we constitute a joint Committee comprising State PCB, CPCB, Municipal Commissioner, Meerut Nagar Nigam and District Magistrate, Meerut who shall visit the site, collect relevant information and submit factual status and action taken, if any, report within two months by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.*
>
> *4. District Magistrate, Meerut will be the nodal agency for compliance and coordination.*
>
> *5. The report need to mention quantity of solid waste generation, daily processing of waste and legacy waste currently existing and steps taken to remediate."*

In Compliance of the above order, the joint committee of State PCB, CPCB, Municipal Commissioner, Meerut Nagar Nigam and District Magistrate, Meerut has visited the alleged site of Lohiya nagar Solid waste dump site, Meerut on dated 11-04-2023 and submitted the factual action taken report which is attached as **annexure-1.**

The above report is presented for perusal please.

With regards,

Enclosure : Joint committee Report

Yours faithfully,

24/4/2023

(Deepak Meena)
District Magistrate,
Meerut

REPORT
PLACED BEFORE HON'BLE NATIONAL GREEN TRIBUNAL
(NGT), NEW DELHI
O.A. No. 108 of 2023

IN THE MATTER OF

LOKESH KUMAR KHURANA APPLICANT

VERSUS

STATE OF UTTAR PRADESH & ORS.

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Report

In compliance of

Hon'ble NGT, Principal Bench, New Delhi's order dated 21.02.2023

In the matter of Original Application No.108/2023

(Lokesh Kumar Khurana Versus State of Uttar Pradesh & Ors.)

Joint Committee

(CPCB, UPPCB, District Magistrate & Municipal Commissioner Meerut, UP)

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1.0. Background

That the Hon'ble NGT passed order dated 21.02.2023 in the matter of O.A. No. 108 of 2023 Lokesh Kumar Khurana Versus State of Uttar Pradesh & Ors. regarding disposal of Municipal Solid Waste (about 1200 metric tonnes) by Nagar Nigam at an open land in Lohiya Nagar, Awasiya Yojna on Meerut Hapur road near Village Ghosipur causing not only damage to environment but also effecting health of the local people residing in the area. The relevant part of the order is as follow:

"....In our view, a substantial question relating to environment due to implementation of Scheduled Enactments under National Green Tribunal Act, 2010 (hereinafter referred to as 'NGT Act, 2010') has arisen but before taking any further action in the matter, we find it appropriate to obtain afactual report for purpose whereof, we constitute a joint Committee comprising State PCB, CPCB, Municipal Commissioner, Meerut Nagar Nigam and District Magistrate, Meerut who shall visit the site, collect relevant information and submit factual status and action taken, if any,report within two months by e-mail at judicial-ngt@gov.in preferably in theform of searchable PDF/ OCR Support PDF and not in the form of ImagePDF. ..."

In compliance of said order, following committee was constituted.

Nominated Members

1. Sh. Amit Kumar Singh, ADM(E), Meerut
2. Sh. Harpal Singh, Nagar Swasthya Adhikari, Municipal Corporation Meerut
3. Sh. Bhuvan Prakash Yadav, Regional Officer UPPCB, Meerut
4. Sh. Arvind Kumar, Scientist 'C', CPCB, RD Lucknow

2.0. Introduction:

Meerut city is having population of approximately 1,305429 (as per census 2011). Total area of Meerut city is approximately 141.94 km^2 with total 90 wards within municipal limit of Meerut. The generated fresh solid waste is collected from door to door by Municipal Corporation using motorized vehicles.Collected fresh solid waste is being dumped in the land of Municipal Corporation, Meerut and Meerut Development Authority (MDA), Meerut. Meerut City has no Municipal Solid Waste processing facility

for processing of fresh solid waste generated in the city.Only legacy waste treatment facility has been set-up at Lohiya Nagar, Meerut for treatment of dumped legacy waste.

3.0. Inspection and Monitoring of Joint Committee:

Committee carried out the inspection of legacy waste processing facility and dumping site at Lohiya Nagar, Meerut on 11.04.2023. The ground water samples from three locations i.e. within plant premise and nearby area have also been collected. The salient observation of inspection and monitoring is as below:

3.1. Observations:

For Solid Waste Management

1. As per the information provided by the Municipal Corporation Meerut, total solid waste generated and collected in the Meerut city is approximately 900 TPD, whereas no logbook for collection of solid waste day wise is maintained.
2. Total 446 vehicles are being used for collection and transportation of generated fresh solid waste.
3. Collected fresh solid waste is being dumped in the land of Municipal Corporation, Meerut and Meerut Development Authority at Lohiya Nagar, Meerut.
4. No Solid waste plant has been installed for processing of fresh solid waste generated in Meerut.

For Legacy Waste Management

1. The MSW Processing Plant for processing of legacy waste (Herein after referred as "The plant") is located at Hapur Road, Lohiya Nagar, Meerut, Uttar Pradesh having processing capacity of 600 TPD.
2. As per information provided by Municipal Corporation Meerut, Plant is operational since August 2021. The Plant is being operated by M/s Environ Organic Work and Suppliers.
3. The plant has 1 ballast separator and 2 trommels (32 mm & 16mm mesh size). All the machineries were found operational during visit.
4. The operational details of the plant are summarized as below:

i. Waste processing at the plant starts with windrow formation and spreading of culture on solid waste at Tipping Floor. The waste is mechanically lifted from tipping floor and subjected to screening/pre-sorting through Ballast Separators (01 no.of 30 MT/hr). The Ballast Separators primarily segregate inert material (stone, grits, cement blocks and ballast etc.) from the waste stream and further segregates waste into two streams as compostable waste and RDF (Refused derived fuel).

ii. Waste (>100 mm size) identified as RDF is being channalised to cement industries through vendors/authorised plastic recyclers eg. The Shakti Plastic, Bijendra Energy,Nepra Enviro.Solu., Kalpana Enterprises,Ramky Innov. P. Ltd., & others.

iii. Compostable waste (<100 mm) is further subjected to screening through a series of Trommels (02 nos. of trommel with screen size 32 mm and 16 mm)

iv. The under-pass material from Trommels is collected in shed is compost and sold to local farmers.

5. During inspection, huge quantity of legacy waste was found dumped in the plant. As per information provided by Municipal Corporation, Meerut, approx. 7 lakh ton of legacy waste was lying on the plant. However, no assessment of dumped solid waste in plant has been carried out by Municipal Corporation, Meerut.
6. As per information provided by plant operator total legacy waste processed till date is approx. 3 lakh ton. Copy of the same is annexed as **Annexure-1.**
7. Logbook for processing of Legacy waste is maintained. As per logbook RDF and Compost produced in the month of March, 2023 are 1800 MT and 14400 MT respectively. Copy of the logbook is annexed as **Annexure-2.**
8. As per information provided by plant operator, the produced RDF is mostly sold to Cement or Energy Company respectively. List of the companies is annexed as **Annexure-3**.
9. During visit it is also observed that fresh solid waste generated in city is being dumped in the plant and no weighing mechanism for collected fresh solid waste is installed at plant.

10. During visit, it is observed that the plant has no proper leachate collection channelization and treatment system. Leachate was found spread within the plant premise.
11. During visit no carcass were found dumped on the site. It is to state that municipal corporation has filed FIR against the culprit in reference to such complaint received in past. The copy of the same is annexed as **Annexure-4.**
12. During visit it is observed that habitation developed around the plant due to employment potential.
13. Samples were collected from bore well installed in the plant and nearby the area of plant to check the quality of ground water. Analysis of Samples is under process in the laboratory of CPCB, RD Lucknow.

3.2. Recommendations:

It is evident from the above observation that no solid waste processing plant has been installed at Meerut city. All solid waste is being dumped in open land, wherein only Legacy waste is being processed.

Municipal Corporation should comply with the following: -

For fresh solid waste:

1. Proper assessment of fresh solid waste generated and collected per day should be carried out by Municipal Corporation, Meerut and logbook for generation and collection of solid waste on daily basis should be maintained.
2. Integrated solid waste processing plant in accordance to solid waste generated per day, should be established at suitable location as per CPCB guideline and made operational at the earliest for the treatment of fresh solid waste.
3. Plant should comprise of processing facility, SLF(Secured Land Fill), ETP(Effluent Treatment Plant) etc. as per the Solid Wastes Management Rules, 2016.
4. To minimize adverse impact on the habitation around the plant, dumping of fresh solid waste must be stopped at plant. Fresh waste should be processed through integrated solid waste processing plant.

For Legacy Waste

1. Assessment of legacy waste dumped in the Lohiya Nagar Plant should be done by Municipal Corporation, Meerut and time bound action plan should be submitted for the processing of legacy waste dumped on plant area.
2. Proper Leachate collection and treatment system should be installed in the Lohiya Nagar plant. ETP with appropriate capacity should be established and operated for effective treatment of wastewater (leachate) generated in plant.
3. All effluent stream including Leachate, surface runoff should be integrated and routed through ETP.
4. Regular ground water monitoring should be carried-out.
5. Fire control system should be installed at plant for control at dumpsite.
6. Proper disposal of dumped fraction of solid waste viz. inert, RDF, compost, recyclable material, C & D Waste etc. shall be made as per Solid Waste Management Rules, 2016 and C & D Rules, 2016.
7. Municipal Corporation, Meerut should ensure compliance of provision of Solid Waste Management Rules, 2016 in totality.

It is noteworthy that issue of solid waste management of whole state of U.P. is under consideration before Hon'ble NGT in OA No 606/2018 "Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues".

The above report is submitted for consideration please.

24/4/23 **(Sh. Bhuvan Prakash Yadav)** RO, Regional Office UPPCB, Meerut	Arvind Kumar 24/04/2023 **(Sh. Arvind kumar)** Scientist 'C', CPCB, RD Lucknow
24/04/2023 **(Sh. Harpal Singh)** Nagar Swasthya Adhikari, Municipal Corporation, Meerut	24/4/23 **(Sh. Amit Kumar Singh)** ADM, Meerut

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NAGAR NIGAM LOHIA NAGAR PLANT SEGREGATION REPORT 2021-22-23							
SI. NO.	MONTHS	DATE	PROCESSING (TON)	ITEMS	PRODUCTION	DISPATCH	BALANCED
1	AUGUST	05-08-2021 TO 31-08-2021	7985	RDF	798	0	798
				COMPOST	6164	6164	0
				INERT	692	462	230
2	SEPTEMBER	01-09-2021 TO 30-09-2021	9945	RDF	829.3	475.99	353.31
				COMPOST	8196	8196	0
				INERT	818	818	0
3	OCTOBER	01-10-2021 TO 31-10-2021	11160	RDF	620	998.51	-378.51
				COMPOST	9920	9920	0
				INERT	553	780	-227
4	NOVEMBER	01-11-2021 TO 30-11-2021	17850	RDF	1785	0	1785
				COMPOST	14280	14280	0
				INERT	1022	920	102
5	DECEMBER	01-12-2021 TO 31-12-2021	17850	RDF	1795	1429.23	365.77
				COMPOST	14860	14860	0
				INERT	905	1010	-105
6	JANUARY	01-01-2022 TO 31-01-2022	11100	RDF	1110	211.56	898.44
				COMPOST	9250	9250	0
				INERT	570	420	150
7	FEBRUARY	01-02-2022 TO 28-02-2022	16800	RDF	1680	93.31	1586.69
				COMPOST	14000	14000	0
				INERT	840	430	410
8	MARCH	01-03-2022 TO 31-03-2022	18000	RDF	1800	0	1800
				COMPOST	15000	15000	0
				INERT	900	1430	-530
9	APRIL	01-04-2022 TO 30-04-2022	10800	RDF	1080	0	1080
				COMPOST	9000	16352.5	-7352.5
				INERT	540	450	90
10	MAY	01-05-2022 TO 31-05-2022	18600	RDF	1860	0	1860
				COMPOST	15500	2016.08	13483.92
				INERT	930	630	300
11	JUNE	01-06-2022 TO 30-06-2022	17670	RDF	1767	0.00	1767.00

				COMPOST	14725	883	**13842**
				INERT	883	1020	**-137**
12	JULY	01-07-2022 TO 31-07-2022	**14070**	RDF	1407	0	**1407**
				COMPOST	11580	10585	**995**
				INERT	705	650	**55**
13	AUGUST	01-08-2022 TO 31-08-2022	**17190**	RDF	1719	478.33	**1240.67**
				COMPOST	13770	0	**13770**
				INERT	857	730	**127**
14	SEPTEMBER	01-09-2022 TO 30-09-2022	**14730**	RDF	1473	0	**1473**
				COMPOST	11825	0	**11825**
				INERT	740	580	**160**
15	OCTOBER	01-10-2022 TO 31-10-2022	**15030**	RDF	1503	0	**1503**
				COMPOST	11640	0	**11640**
				INERT	746	1006	**-260**
16	NOVEMBER	01-11-2022 TO 30-11-2022	**10410**	RDF	1041	300.755	**740.245**
				COMPOST	8250	0	**8250**
				INERT	512	355	**157**
17	DECEMBER	01-12-2022 TO 31-12-2022	**17910**	RDF	1791	198.115	**1592.885**
				COMPOST	14220	60	**14160**
				INERT	887	730	**157**
18	JANUARY	01-01-2023 TO 31-01-2023	**18600**	RDF	1860	0	**1860**
				COMPOST	14880	0	**14880**
				INERT	930	770	**160**
19	FEBRUARY	01-02-2023 TO 28-02-2023	**16380**	RDF	1638	49.375	**1588.625**
				COMPOST	13020	0	**13020**
				INERT	819	800	**19**
20	MARCH	01-03-2023 TO 31-03-2023	**18000**	RDF	1800	0	**1800**
				COMPOST	14400	0	**14400**
				INERT	900	800	**100**
TOTAL			**300080**	RDF	29356.3	4235.175	**25121.125**
				COMPOST	244480	121567	**122913**
				INERT	15749	14791	**958**

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MSW LOHIA NAGAR PLANT REPORT MONTH OF MARCH 2023

DATE	MSW (IN TON)		RDF (100*16)MM		COMPOST (4MM)		INERT (100*16*4)MM		SIGNATURE
	INTAKE	PROCESSING	PRO.	DISP.	PRO.	DISP.	PRO.	DISP.	
1/3/2023	25 Nos	600	60	—	480	—	30	—	
2/3/2023	25 Nos	600	60	—	480	—	30	—	
3/3/2023	25 Nos	600	60	—	480	—	30	—	
4/3/2023	25 Nos	600	60	—	480	—	30	—	
5/3/2023	25 Nos	600	60	—	480	—	30	—	
6/3/2023	25 Nos	600	60	—	480	—	30	—	
7/3/2023	25 Nos	600	60	—	480	—	30	Back Side 150	
8/3/2023	—	—	—	—	—	—	—	—	
9/3/2023	25 Nos	600	60	—	480	—	30	—	
10/3/2023	25 Nos	600	60	—	480	—	30	—	
11/3/2023	25 Nos	600	60	—	480	—	30	—	
12/3/2023	25 Nos	600	60	—	480	—	30	—	
13/3/2023	25 Nos	600	60	—	480	—	30	—	
14/3/2023	25 Nos	600	60	—	480	—	30	—	
15/3/2023	25 Nos	600	60	—	480	—	30	Back Side 200	
	350 Nos	8400	840	—	6720	—	420	350	

15.03.23
लिपिक
नगर निगम, मेरठ

15.03.23
लिपिक
नगर निगम, मेरठ

10/04/2023

MSW LOHIA NAGAR PLANT REPORT MONTH OF MARCH 2023

DATE	MSW (IN TON)		RDF (100*16)MM		COMPOST (4MM)		INERT (100*16*4)MM		SIGNATURE
	INTAKE	PROCESSING	PRO.	DISP.	PRO.	DISP.	PRO.	DISP.	
16/3/2023	25 MT	600	60	—	480	—	30	—	
17/3/2023	25 MT	600	60	—	480	—	30	—	
18/3/2023	25 MT	600	60	—	480	—	30	—	
19/3/2023	25 MT	600	60	—	480	—	30	—	
20/3/2023	25 MT	600	60	—	480	—	30	—	
21/3/2023	25 MT	600	60	—	480	—	30	—	
22/3/2023	25 MT	600	60	—	480	—	30	—	
23/3/2023	25 MT	600	60	—	480	—	30	—	
24/3/2023	25 MT	600	60	—	480	—	30	—	
25/3/2023	25 MT	600	60	—	480	—	30	—	
26/3/2023	25 MT	600	60	—	480	—	30	इकरू डालर 240 खराब डालर 120	नगर निगम, मेरठ
27/3/2023	25 MT	600	60	—	480	—	30	—	
28/3/2023	25 MT	600	60	—	480	—	30	—	
29/3/2023	25 MT	600	60	—	480	—	30	—	
30/3/2023	25 MT	600	60	—	480	—	30	—	
31/3/2023	25 MT	600	60	—	480	—	30	—	नगर निगम, मेरठ
	725 MT	17400	1740	—	13920	—	870	840	
31/3/2023	750 MT	18000	1800	—	14400	—	900	840	

31/3/2023
लिपिक
नगर निगम, मेरठ

10/04/2023

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SR. NO.	VENDERS NAME	TOTAL
1	THE SHAKTI PLASTIC	4656.26
2	BIJENDRA ENERGY	173.98
3	NEPRA ENVIRO. SOLU.	483.62
4	INDIAN POLU. CONT. ASS.	435.73
5	NEPRA RESOURCES	662.35
6	CIRCULAR SUST. SOLU. P. LTD.	1201.12
7	KALPANA ENTERPRISES	157.54
8	REKART INNOV. P LTD.	4852.2
9	RAMKY SOLUT. LTD.	2424.24
10	FLY OSTRICH INDIA P.LTD.	97.5
11	SHREE VEER BALAJI PAPERS MILL	12.2
12	PASWARA PAPERS LTD.	1264.4
13	NIKITA PAPERS LTD.	459.44
TOTAL		16880.58

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सेवा में चौकी प्रभारी महोदय
थाने की विनती करना
थाना - खरखौदा, मेरठ

महोदय,

निवेदन यह है कि हापुड़ रोड स्थित ट्रांचिंग ग्राउण्ड पर कल दिनांक 11.04.2023 को NGT की टीम जाँच करने आ रही है। इस दशा में सम्पूर्ण ट्रांचिंग ग्राउण्ड पर साफ-सफाई का कार्य चल रहा है।

परन्तु कुछ दिनों से ट्रांचिंग ग्राउण्ड के पीछे अफाक व मोबिन तथा नईम, आदि द्वारा (निवास स्थान- ढोसीपुर) मृत पशुओं को ट्रांचिंग ग्राउण्ड लाकर खाल निकाल रहे हैं जिससे पूरे ट्रांचिंग ग्राउण्ड पर गंदगी फैल रही है।

अतः आपसे निवेदन है कि उपरोक्त व्यक्तियों द्वारा की जा रही गलत कार्य को रुकवाने का कष्ट करें।

विशाल कुमार
प्लांट सुपरवाइजर
नगर निगम मेरठ

10.04.23

7417207904

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NAGAR NIGAM MEERUT

Latitude: 28.928178
Longitude: 77.733717
Elevation: 246.88±14 m
Accuracy: 13.5 m
Time: 11-04-2023 13:04
Note: msw Meerut

Latitude: 28.926076
Longitude: 77.731056
Elevation: 246.85±8 m
Accuracy: 4.9 m
Time: 11-04-2023 12:41
Note: msw Meerut

Latitude: 28.926328
Longitude: 77.731115
Elevation: 246.85±12 m
Accuracy: 2.6 m
Time: 11-04-2023 12:43
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926245
Longitude: 77.731123
Elevation: 246.85±6 m
Accuracy: 3.7 m
Time: 11-04-2023 12:45
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926328
Longitude: 77.731115
Elevation: 246.85±8 m
Accuracy: 2.5 m
Time: 11-04-2023 12:43
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926033
Longitude: 77.731062
Elevation: 246.85±19 m
Accuracy: 3.1 m
Time: 11-04-2023 12:42
Note: msw Meerut

JCB
Latitude: 28.926172
Longitude: 77.730979
Elevation: 246.85±11 m
Accuracy: 2.8 m
Time: 11-04-2023 12:42
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926345
Longitude: 77.731093
Elevation: 246.85±6 m
Accuracy: 2.6 m
Time: 11-04-2023 12:44
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926154
Longitude: 77.731041
Elevation: 246.85±19 m
Accuracy: 2.7 m
Time: 11-04-2023 12:42
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926345
Longitude: 77.731267
Elevation: 246.85±6 m
Accuracy: 31.3 m
Time: 11-04-2023 13:45
Note: msw Meerut

Latitude: 28.926275
Longitude: 77.731036
Altitude: 193.2±5 m
Accuracy: 34.4 m
Time: 11-04-2023 13:28
Note: msw Meerut
Powered by NoteCam

Latitude: 28.926302
Longitude: 77.731314
Elevation: 246.85±17 m
Accuracy: 4.8 m
Time: 11-04-2023 12:46
Note: msw Meerut
Powered by NoteCam