

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

OANo.172of 2021

IN THE MATTER OF:

Poonam Yadav

Applicant

Versus

M/s Ecogreen Energy Pvt. Ltd. & Ors

Respondent(s)

with

OANo.109/2022

Vivek Kamboj & Anr

Applicant

Versus

Union of India & Ors

Respondent(s)

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**ACTION TAKEN REPORT BY Dr. BALPREET SINGH IAS,
ADDITIONAL COMMISSIONER, MUNICIPAL CORPORATION OF
GURUGRAM.**

Most Respectfully Showeth:-

1. That in compliance of order dated 04.04.2024 the present report is being submitted to place on record the latest status of progress at Bandhwari site and disposal of waste in compliance of the aforesaid orders. Actions taken upon on the issues highlighted in the orders of this Hon'ble Tribunal are summarized in the succeeding paragraphs.

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2. Further, MCG is in the process of engaging the expert services of The Energy Resources Institute (TERI), New Delhi for conducting detailed study of possibility of contamination of groundwater due to seepage of leachate and to suggest the remedial action, if any contamination is detected. Various meetings have been held with Experts of TERI and a detailed proposal in this regard has been obtained from TERI on 05.05.2024 which is being examined.
3. That with regard to legacy waste it is submitted that MCG has engaged four agencies namely M/s Bhumi Green Energy, M/s Alfa Therm, M/s Daya Charan & Company and M/s Zigma Global Enviro Pvt. Ltd for processing of legacy waste. Total legacy waste, fresh waste received at site and expected to be received till December, 2024 at site and processing of waste is summarized in the table below:

Description	Quantity in Lac MT
Total legacy waste assessed in January 2023	30.43
Fresh waste received from Jan 2023 to Dec 2023	6.06
Fresh waste received from Jan 2024 to 13th May 2024	1.96
Total Waste received (A)	38.45
Waste Processed from Jan 2023 to Dec 2023	16.50
Waste Processed from Jan 2024 to March 2024	4.88
Waste Processed from 01.04.2024 to 13.05.2024	4.19

(Annexure R 1)	
Total Waste Processed (B)	25.57
Balance waste to be processed as on 14.05.2024 (A-B)	12.88
Waste expected to be received from 14.05.2024 to 31.12.2024	3.48
Total waste to be processed up to 31.12.2024	16.36
Total days w.e.f. 14.05.2024 to 31.12.2024	232 days
Effective working days after deducting rainy days & festivals etc	190 days
Waste to be processed per day (14.05.2024 to 31.12.2024)	8610 TPD

4. The agency wise work allotted and their balance work is summarized as under:

Sr. No	Name of Agency	Date of Start/ Date of Completion	Quantity Allotted	Quantity Processed	Balance quantity to be processed	Remarks
1	Bhumi Green	23.01.2024 to 22.08.2024	5 Lac MT	1.52 Lac MT	3.48 Lac MT	Total waste to be processed w.e.f 14.05.2024 to 31.12.2024 is 16.36 Lac MT while the balance quantity remaining from allotted works is for 7.78 Lac MT. Hence fresh work of 8.58 Lac MT are yet to be allotted.
2	Alfa therm	23.01.2024 to 22.08.2024	5 Lac MT	1.68 Lac MT	3.32 Lac MT	
3	DCC	23.01.2024 to 22.08.2024	3 Lac MT	2.31 Lac MT	0.69 Lac MT	
4	Zigma	30.04.2024	2 Lac MT	1.71 Lac MT	0.29 Lac MT	
Total			15 Lac MT	7.22 Lac MT	7.78 Lac MT	

It is further submitted that for allotment of work for processing of 8.58 Lac MT of waste, a case is under approval with State Government for 02 Lac MT quantity of waste to M/s Aadarsh Bharat. The another case for

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allotment of 02 Lac MT processing waste to Daya Charan & Company is also under process. The balance 4.58 Lac MT waste will be got processed from the best performing agencies mentioned in the above table by enhancing their work.

5. That with regard to Leachate Management, it is submitted that a Garland drain with HDPE liner has been constructed in the area surrounding the landfill site in order to ensure that the leachate does not spread beyond the landfill site area and chances of its percolation to the ground water are also minimized.
6. The compost/bio-soil produced by processing of legacy waste at Bandhwari has also been got tested from Central Laboratory for Soil and Plant Analysis (a division of Soil Science and Agriculture Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi) and Haryana Agriculture university Hisar the samples Bio-soil got tested from CRAI and Haryana agriculture university Hisar as per the test report all the parameter accepted PH are found in the permissible limit and this bio-soil can be utilized in for filling as well as agriculture purpose as there is no harmful substance found.
7. It is further submitted that about 16.36 Lac MT legacy waste is yet to be processed and following fractions are expected to be obtained:

1. RDF = 3.50 Lac MT
2. Bio-soil = 9.01 Lac MT

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3. Inert = 3.12 Lac MT

4. C & D = 0.73 Lac MT

All out efforts shall be made to ensure that the fractions are disposed in an environment friendly manner and as per CPCB guidelines, the MCG is exploring with various organizations such as NHAI, NTPC, HAU, NCCBM for utilization of fractions to find a long term sustainable solution.

It is therefore, submitted that sincere efforts are being made for treatment of legacy waste, fresh waste, leachate as per directions of the Hon'ble Tribunal. It is prayed that directions may be passed to NTPC, NHAI, HAU, NCCBM to collaborate with Municipal Corporation, Gurugram and to utilize the fractions obtained by processing of legacy waste. Further directions that may be passed by this Hon'ble Tribunal will also be complied with, in letter & spirit.

Place: Gurugram
Date: 14.05.2024


Additional Commissioner,
Municipal Corporation,
Gurugram.

SR.NO	DATE	M/s Bhumi Green Energy	M/s Zigma Global Env. Pvt. Ltd.	M/s Daya Charan & Company	M/s Alfa Therm Pvt. Ltd.	TOTAL
1	04-01-2024	1953.0	938.8	3758.6	1369.1	8019.5
2	04-02-2024	1584.4	899.4	3630.2	1739.4	7853.4
3	04-03-2024	2365.0	1019.9	2633.1	1411.0	7429.0
4	04-04-2024	2051.0	939.9	2843.9	1773.2	7608.0
5	04-05-2024	2696.1	955.5	2812.3	2112.4	8576.3
6	04-06-2024	2741.1	968.3	3146.5	2307.5	9163.4
7	04-07-2024	2745.8	855.8	3264.2	2697.3	9563.1
8	04-08-2024	2756.9	618.2	3457.9	2856.4	9689.4
9	04-09-2024	2834.9	783.5	3319.4	2897.3	9835.1
10	04-10-2024	2856.3	584.1	3222.1	2985.2	9647.8
11	04-11-2024	2817.4	548.7	3166.0	2897.6	9429.7
12	04-12-2024	3099.0	913.4	3458.7	2885.4	10356.4
13	13/04/2024	2968.0	733.5	3356.6	2912.6	9970.7
14	14/04/2024	2951.0	553.0	3409.8	3002.6	9916.4
15	15/04/2024	2921.8	777.7	3178.6	3056.3	9934.3
16	16/4/2024	2914.6	1024.6	3301.6	3152.8	10393.6
17	17/4/2024	2912.4	582.2	3156.9	3012.9	9664.4
18	18/4/2024	2899.6	590.0	3491.2	3004.5	9985.3
19	19/04/2024	2912.9	478.9	3256.5	3208.4	9856.6
20	20/4/2024	2986.5	538.1	3310.4	3218.4	10053.4
21	21/4/2024	3089.5	557.5	3285.4	3498.9	10431.3
22	22/4/2024	3011.2	565.2	3345.3	3127.2	10048.9
23	23/4/2024	2956.7	536.7	3276.4	3165.8	9935.6
24	24/4/2024	2704.3	541.6	2967.4	2899.0	9112.2
25	25/4/2024	2956.4	582.8	3351.0	3180.7	10070.9
26	26/4/2024	2987.3	872.8	3269.8	3287.3	10417.2
27	27/4/2024	2678.6	681.0	3178.9	3123.3	9661.8
28	28/4/2024	2924.8	972.9	3122.3	3067.9	10087.9
29	29/4/2024	3021.4	539.7	3454.7	3190.2	10206.0
30	30/4/2024	2923.7	525.5	3243.6	3211.9	9904.6
Total		83221.6	21679.1	97669.0	84252.5	286822.2
31	05-01-2024	2868.0	725.1	3124.3	3208.7	9926.1
32	05-02-2024	2878.6	982.4	3148.6	3123.5	10133.0
33	05-03-2024	3205.6	741.1	3345.3	3308.4	10600.4
34	05-04-2024	2767.8	574.0	3256.7	3344.3	9942.7
35	05-05-2024	3214.3	724.8	3125.2	3356.5	10420.9
36	05-06-2024	3320.2	708.4	2954.3	2970.8	9953.7
37	05-07-2024	3321.4	915.6	3145.5	3121.2	10503.7
38	05-08-2024	3122.4	943.4	3498.6	2917.5	10481.9
39	05-09-2024	2954.7	1266.2	3207.5	2808.2	10236.6
40	05-10-2024	3124.3	1038.1	3345.7	3024.3	10532.4
41	05-11-2024	2922.9	1010.8	3456.3	3052.4	10442.4
42	05-12-2024	2828.8	1107.8	3076.7	3022.1	10035.4
43	13/5/2024	2902.3	906.5	2585.7	2825.1	9219.6
Total		39431.3	11644.1	41270.4	40083.0	132428.8
GRAND TOTAL 1st April 2024 to 13th May 2024		122653	33323	138939	124335	419251.0