

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

Original Application No. 1011/2018

**IN THE MATTER OF:-**

Jagdish Kumar

.....Applicant

Versus

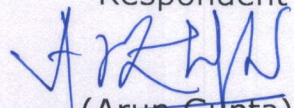
State of Haryana

.....Respondent(s)

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Placed:- Chandigarh  
Dated:- 13.01.2023

Respondent  
  
(Arun Gupta)  
Addl. Chief Secretary to Government Haryana,  
Urban Local Bodies Department  
on behalf of State of Haryana

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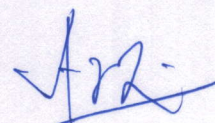
State of Haryana

.....Respondent (s)

Status report of Arun Gupta, Addl.  
Chief Secretary to Government  
Haryana, Urban Local Bodies  
Department on behalf of the State of  
Haryana in compliance of order dated  
09 May 2022 of Hon'ble NGT.

**RESPECTFULLY SHOWETH:-**

1. That I, in my official capacity as Addl. Chief Secretary to Government of Haryana, Urban Local Bodies Department am well conversant with the facts and circumstances of the present case and competent to file the present status report on behalf of the State of Haryana, on the basis of record/information made available by the Urban Local Bodies Department.
2. That the status report is being filed in compliance of the directions dated 09 May 2022 issued by this Hon'ble Tribunal and are to be complied with by the Municipal Bodies in the State of Haryana. Relevant part of the said order dated 09 May 2022 is reproduced hereunder:-



*"In view of above, the Chief Secretary, Haryana may undertake more rigorous monitoring. The sites where legacy waste is cleared must be properly closed. The end destination of the material removed from the legacy waste site must be specified to ascertain the effectiveness of the waste processing. Steps be also taken to prevent setting up of fire to the garbage. The Chief Secretary, Haryana may have a joint meeting with the Monitoring Committee constituted by this Tribunal and the Regional Officer, CPCB within one month for interaction. Points for discussion may include compliance of Guidelines for bio mining, end utilization plan for the recovered material for Compost, RDF, C&D waste, Inerts and others so that actually the land is reclaimed, status of 37 MCs in terms of waste generation and processing facilities to process day to day waste generated and still being dumped into dumping grounds, preventing mishaps due to landfill fires, and regulation and monitoring safety of habitation in close proximity of dumping grounds."*

*A further report about compliance status as on 31.08.2022 may be filed by 15.09.2022 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. That in compliance of the aforesaid orders, a meeting was held under the Chairmanship of Sh. Sanjeev Kaushal, Chief Secretary Haryana with the Monitoring Committee, constituted by this Hon'ble Tribunal and Municipalities, on 09 November, 2022. The status of remediation of legacy waste sites and issues such as compliance of Guidelines for bio mining, status of utilization of recovered material for Compost, RDF, C&D waste, Inerts, land reclaimed, status of 37 MCs in terms of waste generation and processing facilities, to process day to day generated waste preventing

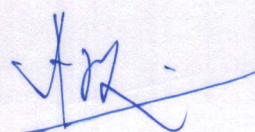


mishaps due to landfill fires and regulation and monitoring, safety of habitation in close proximity of dumping grounds were reviewed in the meeting. The minutes of meeting are annexed at **Annexure R-1**.

4. That as per the earlier assessment, the legacy waste in municipalities of State was approximately 71.68 lakh MT which was got re-assessed as per the observation of the Joint Committee constituted by Hon'ble NGT vide order dated 23 September 2021 in the matter vide report dated 15 March 2022 and it came out to be approximately 101 lakh MT. The density of waste is the major component which affects the quantity of legacy waste. At the time of tendering, standard density @600 kg/Cum was taken for estimation purpose. While, when the revised assessment of legacy waste was got done at all the sites, at some of the sites, the quantity of legacy waste is found to be more than the earlier estimated quantity because of variation in density and depth of the legacy waste. Latest status of remediation of legacy waste sites has been prepared after taking the information from Municipalities.

5. That the work of remediation of legacy waste at 40 sites having approximately 94.68 lakh MT legacy waste, i.e., 93.74% of total quantity which also includes 40.50 lakh MT legacy waste at Bandhwari, Gurugram and being dealt with by the Hon'ble Tribunal in separate case, i.e., OA No. 172 of 2021 title as Poonam Yadav Vs. M/s Ecogreen Energy Pvt. Ltd. and Others. Out of the 54.18 Lakh MT legacy waste (except Gurugram), approximately 31.90 Lakh MT (58.87%) waste has been processed. The processing of remaining waste is likely to be completed by December, 2023. The detail is annexed at **Annexure R-2**.

6. That the municipalities have reported that processed fractions of legacy waste are being disposed off scientifically. Out of total processed waste, i.e., 31.90 Lakh MT, approximately 29.29 Lakh MT processed fractions such as compost/soil enricher, RDF, C&D waste and inert etc. were



recovered out of which approximately 24.38 Lakh MT have been disposed off by municipalities till date and approximately 101.05 acre land has been reclaimed. The fresh waste generation in those 39 ULBs where remediation work is in progress is approximately 2642.45 TPD out of which approximately 2146 TPD is being processed and remaining is being dumped at dump sites. The detail is as under:-

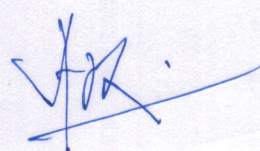
Sr. No.	Description	Status
1	Quantity of legacy waste in 39 ULBs (except Gurugram) where remediation work is in progress. (In MT).	5418292
2	Total quantity of legacy processed (In MT).	3190696
3	Total land reclaimed (In Acres).	101.05
4	Quantity of manure/ compost/soil enricher recovered from the processing of legacy waste (In MT).	1624534.79
5	Quantity of Soil enricher/compost disposed off (In MT).	1486772.77
6	Quantity of RDF recovered from the processing of legacy waste (In MT).	612277.61
7	Quantity of RDF disposed off(In MT)	452260
8	Quantity of C&D waste recovered from the processing of legacy waste (In MT).	165171.40
9	Quantity of C&D waste disposed off(In MT).	136179.91
10	Quantity of inert recovered from processing of legacy waste (In MT).	527592.29
11	Quantity of inert disposed off(In MT).	362999.97
12	Fresh waste generated (In TPD).	2642.45
13	Fresh waste processed (In TPD).	2146.00

To manage the gap in processing of fresh waste in the Municipalities mentioned in Annexure R-2, (ULBD) Urban Local Bodies Department has selected concessionaire for Integrated Solid Waste Management (ISWM) cluster of Bhiwani, Sirsa and Karnal-Kaithal-Kurukshetra. The concessionaire

shall manage the collection, segregation, transportation and processing of waste in Municipalities under the said clusters and concession period shall be 22 years. The likely date to achieve the 100% processing of waste in above said cluster is 30 June 2023 and gap in processing of fresh waste in MC, Bhiwani, CharkhiDadri, Rania, Ellenabad, Kalanwali, Kaithal, Kalayat & Cheeka shall be covered. For remaining Municipalities, MCs are hiring agencies for collection, segregation, transportation and processing of waste in decentralized way on yearly basis till finalization of concessionaire under ISWM cluster and hopefully, the gap in processing of fresh waste shall be covered upto 30 June 2023.

7. That in the meeting dated 09 November 2022, municipalities have also been directed to ensure all safety precautions at land fill sites to prevent fire incidents, noise pollution and ground water contamination. However, no major fire incident has been reported at land fill sites in last 01 year except Gurugram. The municipalities have also been directed to use the 30% area of land reclaimed through remediation of legacy waste, for forestation.

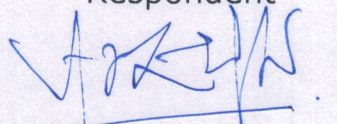
8. That accordingly, State of Haryana is trying its best to manage bio-remediation of legacy waste. However, some delay has occurred in bio-remediation of legacy waste because of unavoidable constraints and due to lack of technical knowhow in the staff associated with remediation work. However, Urban Local Bodies Department is trying to build the capacity of municipalities staff associated with waste management for which two days workshops/training programmes were scheduled on 26th May, 2022 at Karnal and 27th May, 2022 at Gurugram on Solid Waste Management wherein Sh. Absar Ahmad Kazmi, Professor of Environment Engineering, IIT Roorkee, Engineers from Goa Waste Management Corporation and Officers from Municipal Corporation, Bhopal were invited to share their experience in



waste management. The officers from all ULBs participated in those workshops.

9. That the State of Haryana is taking sincere and effective steps to comply with the directions of Hon'ble NGT in its letter and spirit. The aforesaid status report may kindly be accepted and taken on record in compliance of orders dated 09 May 2022 passed by this Hon'ble National Green Tribunal.

Respondent



Placed:- Chandigarh

Dated: 13.01.2023

Addl. Chief Secretary to Government Haryana,  
Urban Local Bodies Department  
on behalf of State of Haryana

Minutes of Meeting held under the Chairmanship of Chief Secretary, Haryana regarding order dated 09.05.2022 passed by NGT in the matter of OA No. 1011/2018 Jagdish Kumar Vs State of Haryana on 09.11.2022.

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A meeting was held on 09.11.2022 at 04:30 PM under the Chairmanship of Chief Secretary, Haryana to review the status of remediation of legacy waste sites in the State in compliance of the order dated 09.05.2022 passed by NGT in the matter of OA No. 1011/2018 Jagdish Kumar Vs State of Haryana. The list of participants is attached at **Annexure-I**.

At the outset, Additional Chief Secretary, Urban Local Bodies welcomed all the participants and briefed about directions of Hon'ble NGT dated 09.05.2022 in the above said matter. The operative part of orders is reproduced as under:-

*"In view of above, the Chief Secretary, Haryana may undertake more rigorous monitoring. The sites where legacy waste is cleared must be properly closed. The end destination of the material removed from the legacy waste site must be specified to ascertain the effectiveness of the waste processing. Steps be also taken to prevent setting up of fire to the garbage. The Chief Secretary, Haryana may have a joint meeting with the Monitoring Committee constituted by this Tribunal and the Regional Officer, CPCB within one month for interaction. Points for discussion may include compliance of Guidelines for bio mining, end utilisation plan for the recovered material for Compost, RDF, C&D waste, Inerts and others so that actually the land is reclaimed, status of 37 MCs in terms of waste generation and processing facilities to process day to day waste generated and still being dumped into dumping grounds, preventing mishaps due to landfill fires, and regulation and monitoring safety of habitation in close proximity of dumping grounds."*

Chief Engineer, Urban Local Bodies gave a power point presentation on the status of remediation of legacy waste sites in the State.

During the review of the status, Chief Secretary, Haryana praised the work of remediation of legacy waste at Ambāla and Kaithal. CS also shows concern on slow progress of the remediation work at Karnal.

Justice Pritam Pal, Former Judge, Punjab and Haryana, High Court and now Chairman, Monitoring Committee asked about the status of processing of fresh waste and legacy waste in MC-Manesar. Commissioner, MC-Manesar informed that approximate 36000 MT of fresh waste has been accumulated at site. Monitoring Committee directed the Commissioner to prepare a time bound action plan for management of waste and submit the same before the Committee.

Smt. Urvashi Gulati, Former CS, Haryana and now member of Monitoring Committee informed that the Committee has visited various sites of legacy waste in

8

Minutes of Meeting held under the Chairmanship of Chief Secretary, Haryana regarding order dated 09.05.2022 passed by NGT in the matter of OA No. 1011/2018 Jagdish Kumar Vs State of Haryana on 09.11.2022.

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Haryana and found the remediation work satisfactory only at few sites. Committee suggested to adopt the following measures:-

- Toxicity of soil enricher/compost is required to be checked again at the remediation sites before final disposal of same.
- Sampling record should be maintained periodically (6 months) for each site.
- Crushers should be installed in all the C&D plants and thereafter pebbles may be used to fill low lying areas.
- Major Municipal Corporation may initiate a pilot project for leachate treatment and the best practices may be replicated in other ULBs.

After due deliberation and discussion with the Monitoring Committee, the following directions were issued to the Municipalities:-

- i. Before putting the legacy waste into the Trammel for processing, the waste should be dried properly making wind rows in a scientific manner.
- ii. The recovered fractions should be kept covered with temporary sheds till the final disposal.
- iii. The fresh waste should not be dumped at legacy waste sites. It should be processed and disposed as per SWM Rules.
- iv. Monitoring Committee suggested that 30% of the land reclaimed through remediation of legacy waste may be used for forestation.
- v. More emphasis should be given to Source segregation in all the ULBs for better management of fresh waste.
- vi. All the ULBs shall fix the target to achieve the 100% source segregation and shall communicate the same to DULB HQ.
- vii. Proper monitoring & disposal of Dry Waste, Domestic Hazardous Waste, Bulk Waste Generator, Garbage Vulnerable Points, Secondary Points, Leachate and C&D waste should be ensured.
- viii. All the ULBs shall prepare Fire Management Plan to prevent mishaps due to fire.

Meeting ended with the thanks to chair.



## Annexure-I

List of Participants attended the meeting held on 09.11.2022 regarding order dated 09.05.2022 passed by NGT in the matter of OA No. 1011/2018 Jagdish Kumar Vs State of Haryana:

Sr. No.	Name of the Department	Name of the Officer
1	Chief Secretary to Government Haryana	Sh. Sanjeev Kaushal, IAS
2	Chairman, Monitoring Committee	Hon'ble Justice Pritam Pal, Retd. Judge, Punjab and Haryana High Court
3	Member Monitoring Committee	Ms. Urvashi Gulati, IAS (Retd.), Former Chief Secretary Haryana, Member Monitoring Committee
4	Additional Chief Secretary to Government Haryana, Urban Local Bodies Department	Sh. Arun Gupta, IAS
5	Former Member Secretary, PPCB, now Technical Expert, Monitoring Committee	Dr. Babu Ram
6	Additional Director, CPCB	Sh. Suneel Dave
7	Chief Engineer, DULB	Sh. Ashok Rathee
8	All the Commissioners of Municipal Corporations in the state of Haryana.	Through Video Conferencing
9	All the District Municipal Commissioners in the State of Haryana	Through Video Conferencing



Annexure R-2

Sr. No.	Name of MC	Quantity of waste of dumpsite (In Lakh MT)	Quantity of waste processed up till date (In MT)	Land recovered after processing of legacy waste (In Acres)	Quantity of manure/enricher/soil recovered from the processing of legacy waste (In MT)	Quantity of Soil enricher/co compost disposed off	Quantity of RDF recovered from the processing of legacy waste (In MT)	Quantity of RDF of disposed off	Quantity of waste recovered from the processing of waste (In MT)	Quantity of C&D waste disposed off	Quantity of inert waste recovered from the processing of legacy waste (In MT)	Quantity of inert disposed off	Fresh Waste Generated	Fresh Waste processed
1	Assandh	15300	15300	1.5	10500	85269.397	17053.881	3750	3750	1050	0.00	0.00	10.00	10.00
2	Bhiwani	314000	114000	3	85269.397	3378.5	3450	1352	11369.253	450.46	1200.00	1138.68	75.02	56.12
3	CHEKA	18000	16000	Work in Progress	4744	4744	3302	3302	346	346	3413.00	3413.00	20.00	6.67
4	FARRUKHNAGAR	11857	11857	2.5	16500	31600.00	6700.00	4400	2300	2100.00	1600	1800.00	13.00	13.00
5	Ganaur	25000	25000	4	31500	800	500	NIL	50	50	27000.00	2500.00	21.00	21.00
6	GOHANA	119000	42000	2.4	46000	31600.00	31000	NIL	9887	9887	4300.00	4300.00	39.00	1.67
7	Hisar	200000	90000	3	800	2250	13500	2500.00	900	2100.00	1600.00	1600.00	180.00	104.67
8	Jhajjar	30000	1500	0.5	46000	800	500	NIL	50	50	150.00	2500.00	26.00	26.00
9	Jind	288862	100000	2	46000	31600.00	31000	NIL	9887	9887	4300.00	4300.00	120.00	28.05
10	Kaithal	168000.00	85.382	2	58587	610	495	200	5627	5627	9816.00	9816.00	80.00	75.00
11	Kalanwali	3280	1480	1.5	13400	16876	7671	322	1410	1410	1350.00	890.00	20.00	20.00
12	Kharkhoda	24000	21000	1	82414.13	7510	2412	350	670	240	2715.00	2715.00	28.00	28.00
13	Mandi Dabwali	126684	30684	1.5	12635.74	2003	1555.444	11110	4672	0	3950.00	3950.00	101.00	101.00
14	Mansar	152500	105000	4.25	82414.13	7510	2412	350	670	240	2715.00	2715.00	28.00	28.00
15	Meham	13630	13400	1.35	8710	12192.36	12192.36	460.005	945	945	565.00	565.00	11.30	11.30
16	NILOKHHERI	11000	11000	0.5	6750	2450	2098.45	1555.444	11110	4672	3950.00	3950.00	101.00	101.00
17	Palwal	17590	17590	1.5	12635.74	2003	1555.444	11110	4672	0	3950.00	3950.00	101.00	101.00
18	Rania	5200	4000	1	24648	0	247	0	98.94	0	24.73	0.00	4.00	1.50
19	SIRSA	263000	44500	1.5	136.05	7183	845	845	422	422	9816.00	9816.00	80.00	75.00
20	siwani	1236	1236	0.5	Not weighted vet	7183	845	845	422	422	9816.00	9816.00	80.00	75.00
21	Sohna	54000	7000	0.15	Not weighted vet	7183	845	845	422	422	9816.00	9816.00	80.00	75.00
22	TARAORI	8766	8766	0.4	7183	190500	151292	82780	59349	38295	64231.00	64231.00	180.00	175.07
23	Ambala	577349	530850	9	253852	143000	32500	32500	500	500	9000.00	9000.00	85.00	85.00
24	Bahadurgarh	430000	185000	2.5	143000	5880	3026.2	1877	1205	1205	5330.00	5330.00	22.00	9.00
25	Charkhi Dadri	26400	27029	1.75	5880	3026.2	1877	1205	1205	1205	5330.00	5330.00	22.00	9.00
26	ELLENABAD	10816	8182	1	4325	1877	1205	1877	1205	1205	5330.00	5330.00	22.00	9.00
27	Fatehabad	90000	47000	1	29610	29610	4606	2833	405	405	809.00	809.00	31.00	24.80
28	Gharaunda	20236	20236	1.5	15784	340	743	743	17	17	314.00	314.00	8.00	6.80
29	Hathin	3420	1650	Work in progress	9890	9890	2712.73	2712.73	600.56	600.56	796.84	796.84	13.50	12.00
30	Kalayat	15000	14000	Work in Progress	9890	9890	2712.73	2712.73	600.56	600.56	796.84	796.84	13.50	12.00
31	Karnal	95022	61000	Work in Progress	13935	9575	3548	1971	25	25	14031.00	11069.00	115.57	115.57
32	Narnaul	188000	143000	20	51480	51480	25740	25740	2860	2860	62920.00	62920.00	43.00	0.00
33	Nisising	15000	15000	1.25	10606	10606	2890.15	2890.15	635.31	635.31	869.22	869.22	11.00	11.00
34	Panchkula	416788	122000	Work in Progress	30625	30625	49000	49000	6125	6125	18375.00	18375.00	191.80	186.03
35	Panipat	409200	302110	7	182336	182336	58970	58970	19056	19056	41748.00	41748.00	216.00	215.00
36	Pataudi Mandi	11027	10943	2	6638	6638	1299	1299	1373	1373	1390.00	1390.00	8.00	0.00
37	Rewari	247128	200000	5	122525.81	122525.81	22321.4	22000	4687.06	4000	16407.00	16407.00	86.00	70.00
38	Rohtak	800000	610000	7	192000	175000	78000	25000	15000	8000	210000.00	128000.00	170.00	170.00
39	Yamunanagar	192001	126001	6	81841	65000	31500	31500	8862	8862	3798.00	13000.00	273.00	251.13
Total		5418292	3190696	101.05	1624534.797	1486772.77	612277.615	452260.2	165171.408	136179.918	527592.29	362999.97	2642.45	2146.00

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