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

O.A. NO. 606/2018

(In respect of State of Himachal Pradesh)

IN RE:

COMPLIANCE OF MUNICIPAL SOLID WASTE MANAGEMENT RULES, 2016 AND OTHER ENVIRONMENTAL ISSUES

INDEX

Through

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Submitting 3rd Six Monthly progress Report in compliance to Hon'ble NGT Order dated 18.04.2024 passed in O.A. No. 606/2018 (I.A. No. 163/2021).

Progress Report of Sewage Waste Management in H.P.

The case titled "Mrs. Almitra H. Patel and ANR. vs. Union of India & Ors." on Municipal Solid Waste Management and other environmental issues has been filed in Hon'ble Supreme Court of India in the year 2014 and after hearing the same, it has been transferred to Hon'ble NGT vide its order dated 22.12.2016 and has been registered as OA No. 606/2018 in Hon'ble NGT.

The tribunal in its order dated 16.03.2023 has directed worthy Chief Secretary to file the six-monthly progress reports with verifiable progress.

Subsequently, six monthly progress reports for Aug 2023 and Feb 2024 has been filed by the Chief Secretary. The six monthly progress of the work w.e.f March 2024 – Aug 2024 along with clarification on the points raised during NGT hearing on dated 18.04.2024 is as under:

Brief is as under:

Status	**Base line data as on March 2023**	**As on February 2024**	**As on Aug 2024**	**Remarks**
Total No. of ULBs in the State	61	60	60	
Total No. of installed STPs	67	72	72	
ULBs with STP facility	36	40	40	
Sewerage generation in MLD (Year 2024)	91.95	93.86	93.864	
Installed Capacity of STPs in MLD based upon ultimate design period	114.80	137.163	144.263	Increase in capacity of MLD since, Feb 2024 (7.10 MLD of SJPNL)
Sewage inflow in MLD	79.61	84.077	84.263	
Gap in treatment capacity (Minus sign indicates no Gap)	-22.85	-43.303	-50.399	No gap in overall treatment capacity of STP's as installed capacity is greater than sewage generation.
Gap in inflow and sewage generation	12.34	9.783	9.601	The gap on account of connectivity i.e. HH sewer connection

The point wise reply on the observations raised during the hearing dated 18.04.2024 is as under:

(i) The Gap of 9.783 MLD in sewage treatment depict the gap in sewage generated based upon present urban population of the State to that of sewage inflow being received at STPs. Overall the State has adequate capacity in 33 towns with as surplus of 71.754 MLD, however, presently there is a gap of 21.36 MLD in the installed treatment capacity in 27 towns in the State as 20 towns have no sewerage facility and 7 towns have inadequate treatment capacity. Moreover said gap was 22.15 MLD in 32 Towns during preparation the Action Plan and 29 towns had adequate capacity with a surplus of 45 MLD at that time in 2023. Efforts are being made to reduce the said gap in phased manner despite accounting annual increase in sewer generation and on account of increase in population.

It is further stated that during preparation of action plan in 2023, there were 24 towns without sewerage facility but now the towns has been reduced to 20 by providing sewerage facility in 4 Towns.

(ii) In respect of excess capacities of 43.30 MLD, it is submitted that 93.86 MLD is sewerage generated based upon the present population and present rate of water supply whereas 137.163 MLD Capacity indicates the Ultimate sewerage generation of STP in their ultimate design year after 15-30 years. This is not surplus capacity but it is designed capacity of newly constructed STPs designed to cater sewer needs for the next 30 years as per CPHEEO Manual. The Gap of 9.738 MLD is due to non- connectivity of household for which efforts are underway with the assistance of Local Administration, IEC activities and public representative.

(iii) As per action plan submitted on 16.03.2023, there was the target to complete the 12 STPs by March 2024 to reduce the gap. Out of 12 STPs, 9 STPs have been commissioned. Balance 3 STPs are at different stages of execution and efforts are being made to complete the STPs by March 2025. The reasons for delay in execution / completion of the above 3 STPs is as under :

S. NO.	Location of STP	Gap in 2023	Capacity (in MLD)	Reasons
1	Santokhgarh	1.18	2.50	Work delayed due to non-availability of DI Pipes due to receipt of repeated non-responsive Bids for pipes.
2	Mandi-(Raghunath ka Padhar & Khaliyar)	1.09	6.28	Work delayed due to unpredicted heavy rains during

				2023 and 2024 which caused heavy damages and hindrance in execution of work.
3	Parwanoo Zone-II	0.27	1.00	Work delayed due to delay in transfer of land and delay in release of funds.

Full utilization of STPs can only be achieved at the ultimate design year of the STP and for the 100% coverage of household connectivity efforts are underway with the assistance of Local Administration, IEC activities and public representative.

Under SBM (U)-2.0, 13 No. STPs have been approved which will further reduce the gap. These STPs are at different stages of tendering and the completion of the work is expected by December 2026 as funding pattern of SBM (U) shall be in phased manner therefore the completion date is realistic as it confirms to phasing of funds as per GoI guidelines.

(iv) The STPs reported as non-compliant are mainly due to the parameters of Faecal Coliform. It is submitted that most of these STPs were designed before 2017 when MOEF&CC standards notified in 1986 were prevalent which did not specify the limits for the Faecal Coliform and some of the STPs have completed their design period & capacity enhancement of the same is also in progress. Steps are being taken by the department for up gradation of these STPs

(v) Complete detail with respect to local bodies is annexed as **ANNEXURE I.**

Progress of Setting up of STPs to address the gap in sewerage management (w.e.f 01.03.2024-31.08.2024:

Despite unprecedented rainfall and landslides, the significant progress has been made in setting up of STPs. There was target to complete STPs in 12 Towns by March 2024. Out of 12 STPs, 9 following STPs have been commissioned

Sr. No.	Location of STP	Gap in 2023	Capacity (in MLD)	Remarks
1	**Gagret**	**0.42**	3.14	STP Commissioned, there is no gap after commissioning of STP.
2	**Rewalsar (Chalahar)**	**0.13**	0.35	STP Commissioned, there is no gap after commissioning of STP.
3	**Chowari**	**0.24**	1.10	STP Commissioned, there is no gap after commissioning of STP.

4	**Chamba (Parel)**	**No Gap**	0.87	STP Commissioned,
5	**Dalhousie**	**0.70**	2.70	STP Commissioned, there is no gap after commissioning of STP.
6	**Dharamshala**	**No Gap**	0.95	STP Commissioned
7	**STP Malyana**	**No Gap**	8.42	STP Commissioned
8	**STP Dhalli**	**No Gap**	2.26	STP Commissioned
9	**STP Lalpani**	**No Gap**	25.20	STP Commissioned

The comparative progress of balance 3 No. STPs is as under:

Sr. No.	**Location of STP**	**Gap in 2023**	**Capacity (in MLD)**	**Status as on Feb-2024**			**Status as on Aug -2024**			**Remarks**
				Networking	**STP**		**Networking**	**STP**		
					Civil	**Mechanical**		**Civil**	**Mechanical**	
1	**Santokhgarh**	**1.18**	2.50	0%	90 %	80%	25%	90 %	90%	STP will be commissioned by March 2025
2	**Mandi-(Raghunath ka Padhar & Khaliyar)**	**1.09**	6.28	57%	78 %	55%	60%	80 %	59%	STP will be commissioned by March 2025
3	**Parwanoo Zone-II**	**0.27**	1.00	65%	80 %	65%	70%	85 %	80%	STP will be commissioned by January 2025

Sewerage connections:

- **Jal Shakti Vibhag**

Urban Sector: Total **46540** connections have already been released upto February 2024. JSV had released 330. connections by August 2024. Total released connection till August 2024-**46870.**

Rural Sector: Total **1849** connections have already been released upto February 2024. JSV had released 102 connections by August 2024. Total released connection till August 2024 **1931.**

- **Shimla Jal Prabandhan Nigam Limited: -** Total **34156** connections have already been released upto February, 2024and same till August, 2024.

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Progress Report of Solid Waste and Legacy Waste Management in Urban Sector

As per the directions issued during the personal hearing on 18.04.2024, the status of Legacy Waste and gaps in Solid Waste Management has been reviewed by concerned Administrative Heads at their level. Further, Principal Secretary (UD) is also reviewing on a weekly basis. Accordingly, necessary directions are being issued to eliminate the gaps. ULBs have made its sincere efforts to eliminate the gaps in processing of Solid Waste and clear the Legacy Waste. The progress made in the last six months is as under:

Solid Waste Management:

Status	As on August 2023	As on February 2024	As on August 2024
Total No. of ULBs in the State	61	60	60
Total No. of Wards in the State	558	551	551
Estimated Quantity of MSW Generated (TPD)	365TPD Wet:201, Dry:146 & Inert :18)	375 TPD (Wet: 206 & Dry: 150 Inert: 19)	375 TPD (Wet: 206 & Dry: 150 Inert: 19)
Estimated Quantity of MSW Collected (TPD)	365 TPD (Wet: 201 & Dry: 146 Inert: 18)	375 TPD (Wet: 206 & Dry: 150 Inert: 19)	375 TPD (Wet: 206 & Dry: 150 Inert: 19)
Quantity of MSW Processed (TPD)	359 TPD	368 TPD	368
Gap in waste processed (TPD)	6 TPD	7 TPD	7 TPD*

* The gap is in 4 ULBs only i.e. Manali, Karsog, Nurpur & Nirmand.

Wet Waste:

Presently, the wet waste is being processed through organic waste composters/Pit Composting/Composting drums/ Biogas/Gaushala/Piggery and in rural type of setup of ULB wet waste is being used at their own.

Organic Waste Convertor: The nos. of days taking for Treatment/ Final Product generation is around 15 days in OWC. 1 TPD capacity OWC is having approx. 15 Tonnes capacity and the final product is being generated after 12-15 days.

Pit Composting: The nos. of days taking for treatment/Final product generation is 45 days to 90 days depends upon the temperature of the site. The nos. and capacity of pits has been designed to cater the per day waste of the ULBs.

The compost generated is being utilized in parks of ULBs, or being provided to farmers.

Dry Waste:

Dry Waste generation in the State is estimated to 150 TPD. To manage dry (non-biodegradable) waste, Material Recovery Facilities (MRFs) have been developed in 50 ULBs to segregate recyclables so that non-recyclable combustible waste is left behind. The recyclables so segregated is being sent to the recyclable industries while the non-recyclable Segregated Combustible Fraction (SCF) is being sent to the cement factories as Refuse Derived Fuel (RDF) for co-processing and Public Works Department (PWD) for road metaling. The tie up with 4 cement plants has been done for co processing of non-recyclable waste. The SCF/RDF waste has been sent to cement industries.

The ULB wise waste generation, processing, utilization of compost/other products, utilization of rejects is annexed as Annexure-II.

Waste processing in MC Manali:

In case of Municipal Council Manali, it is submitted that a Waste to Energy (WTE) Plant was set up by ULB through M/s Next Gen. Chemicals for 35 TPD capacity, for which an agreement was executed between MC Manali and M/s Next Gen Chemicals, but in spite of best efforts, the Plant could not be made functional by M/s Next Gen keeping in view of the non-processing and adverse orders from Hon'ble NGT in the matter M.A. No. 79/2023 (Paldan Phunchog V/s State of H.P). Fresh tender has been done by MC Manali with M/s Suntan Life for processing of fresh waste. Now the M/s Next Gen Chemicals has not vacate the site as the matter is pending adjudication before the Hon'ble High Court bearing No. Arb.C-731 of 2024. As such, the new contractor is not able to install the machinery for processing. Municipal Council is facing great difficulties in processing the waste because there is no other alternative site (land) to set up processing plant by the Municipal Council inside MC limits. However, efforts are being made by MC Manali to resolve the issue.

Legacy Waste Management:

Earlier the quantity of legacy waste was not estimated scientifically and the actual legacy waste was much higher than the original estimates after digging at site. Hence, assessment of legacy waste has been done by ULBs through Govt. Institution i.e. National Institute of Technology, Hamirpur and Jawaharlal Nehru Government Engineering College, Sundernagar. The revised quantity after estimation is around 5,86,644 tonnes. The clearance of legacy waste is continued in 10 ULBs.

Although the pace of clearance of legacy waste slow due to long rainy season but despite that, significant quantity has been cleared during the period. Legacy waste cleared during the reporting period is around 1,27,942 Tonnes. The detail is as under:

#	Details	As on August 2023	As on February 2024	As on August 2024	Remarks
a	**No. of Legacy waste dumpsites**	16	16	16	
b	**Quantity of legacy waste dumped at dumpsites – in Tonnes**	2,63,641	2,79,483	5,86,644	Revised quantification of legacy waste has been got estimated through NIT, Hamirpur and JNGEC, Sunder Nagar.
c	**Quantity of Legacy Waste Cleared at dumpsites –in Tonnes**	1,22,603	1,93,937	3,38,263	
d	**Quantity of Balance Legacy Waste at dumpsites - in Tonnes**	1,41,038	85,545	2,48,381	
e	**No. of legacy waste dumpsites cleared (Bilaspur, Sunder Nagar, Sarkaghat, Baijnath, Dalhousie and Rewalsar)**	04	06	06	
f	**No. of legacy dumpsites where bio mining has Commenced**	12	10	10	
g	**Timeframe for clearing all legacy dumpsites**			March 2025	

The quantity of legacy waste existing in other ULBs on account of gap existing in waste processing is 644.4 Tonnes which will be treated scientifically.

The Legacy Waste clearance data of ongoing sites is annexed as **Annexure-III.**

Progress Report of Solid and Liquid Waste in Rural Sector:

As per the directions issued during the personal hearing on 16/3/2023, the status of Legacy Waste and gaps in Solid Waste Management has been reviewed by Chief Secretary, GoHP. Necessary directions were issued to the field for taking up activities under Solid Waste Management and Liquid Waste Management. Gram Panchayats are doing their best to gear up the progress under Solid and Liquid Waste Management. However, progress made in the last six months is as under:

Status	**Target**	**As on February, 2024**	**As on August, 2024**
SWM			
No. of PWMU established	88	4 (under construction) Total 32+4 = 36	4 (under construction) Total 32+4 = 36
No of Segregation — cum Storage Shed	3615	1404	4323
LWM			
No. of Retrofitting single pit to Twin pit Toilets Adding Soak Pits to Septic Tanks		61 3	61 3
Households having Soak pits/ other disposal of Grey Water		28916 - Soak Pits 290 – Leach Pits 371 – Magic Pits	124931 - Soak Pits 3167 – Leach Pits 1827 – Magic Pits
Community soak pits		4717	7090

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Town Wise Population & Sewerage Generation

ANNEXURE I

Sr. No.	District	Name of Town	Population as per Census 2011	Population as on 2024@ 12.94 % decadal	Sewerage Generation as per Population (2024)	Additional 15 % for tourists, institutional and floating	Total Sewage generation (2024)	Treatment Capacity available (MLD)	Utilization of installed treatment capacities	Performance of STPs	Final Point of Discharge (River/ Stream/ Khud, etc)	Gap	Timeline to plug the gap
1	2	3	4	5	6	7	8	9	10	11	12	13.00	14
1	Bilaspur	Bilaspur	13654	15951	0.83	0.12	0.95	0	0			0.954	Mar-26
2		Talai	2372	2771	0.27	0.04	0.31	0	0			0.306	Mar-25
3		Ghumarwin	7899	9228	1.25	0.19	1.44	1.2	1.2	Compliant	Satluj River	0.243	Funding is being pursued
4		Sh. Naina Devi	1204	1407	0.15	0.02	0.17	1.35	0.85	Compliant	Satluj River	-1.175	
5	Chamba	Chamba	19933	23286	2.79	0.42	3.21	4.521	3.581	Compliant	Ravi River	-1.308	
6		Dalhousie	7051	8237	0.63	0.09	0.72	2.7	0			-1.980	
7		Chowari	3770	4404	0.21	0.03	0.25	1.1	0			-0.853	
8	Hamirpur	Hamirpur	17604	20565	2.22	0.33	2.55	5.73	3.78	Compliant	Beas River	-3.176	
9		Nadaun	4430	5175	0.50	0.07	0.57	1.69	0.75	Compliant	Beas River	-1.119	
10		Sujanpur	7943	9279	0.89	0.13	1.02	3.25	1.7	Compliant	Beas River	-2.226	
11		Bhota	1453	1697	0.14	0.02	0.16	0	0			0.159	Mar-25
12	Kangra	Nurpur	9809	11459	1.24	0.19	1.42	3.13	0.54	Compliant	Beas River	-1.707	
13		Jawali	7342	8577	0.48	0.07	0.55	0	0			0.552	Funding is being pursued
14		Dharamshala	53543	62550	5.00	0.75	5.75	7.947	5.547	Compliant	Beas River	-2.192	
15		Nagrota	5900	6892	0.52	0.08	0.60	2.74	2.45	Compliant	Beas River	-2.138	
16		Kangra	9528	11131	0.71	0.11	0.82	3.77	3.3	Compliant	Beas River	-2.951	
17		Dehra	4816	5626	0.32	0.05	0.36	1.38	1.05	Compliant	Beas River	-1.018	
18		Palampur	40385	47179	3.39	0.51	3.90	0.35	0.35	Compliant	Beas River	3.552	Mar-26
19		Baijnath-Paprola	16141	18856	0.91	0.14	1.05	0	0			1.050	Mar-25
20		Jawalamukhi	5361	6263	0.34	0.05	0.39	2.83	2.03	Compliant	Beas River	-2.438	
21		Shahpur	4659	5443	0.22	0.03	0.25	0	0			0.250	Funding is being pursued
22	Kullu	Kullu	18536	21654	2.34	0.35	2.69	5.45	5.23	Compliant	Beas River	-2.761	
23		Manali	8096	9458	1.02	0.15	1.17	3	3	Compliant	Beas River	-1.825	
24		Bhuntar	4475	5228	0.38	0.06	0.43	2.32	2.15	Compliant	Beas River	-1.887	
25		Banjar	1414	1652	0.09	0.01	0.11	0	0			0.106	Mar-25
26		Nirmand	2041	2384	0.09	0.01	0.10	0	0			0.103	Funding is being pursued
27	Mandi	Sarkaghat	5575	6513	0.60	0.09	0.70	2.37	1.47	Compliant	Beas River	-1.675	
28		Mandi	41375	48335	4.79	0.72	5.51	4.3	3.96	Compliant	Beas River	1.214	Mar-25
29		Sundernagar	24344	28439	2.04	0.31	2.34	3.55	3.25	Compliant	Beas River	-1.206	
30		Rewalsar	1821	2127	0.12	0.02	0.14	0.35	0			-0.213	
31		Ner Chowk	12108	14145	0.62	0.09	0.72	0	0			0.716	Mar-25
32		Jogindernagar	5335	6232	0.67	0.10	0.77	1.73	1.25	Compliant	Beas River	-0.956	
33		Karsog	2010	2348	0.23	0.03	0.27	0	0			0.267	Mar-26

Sr. No.	District	Name of Town	Population as per Census 2011	Population as on 2024@ 12.94 % decadal	Sewerage Generation as per Population (2024)	Additional 15 % for tourists, institutional and floating	Total Sewage generation (2024)	Treatment Capacity available (MLD)	Utilization of installed treatment capacities	Performance of STPs	Final Point of Discharge (River/ Stream/ Khud, etc)	Gap	Timeline to plug the gap
1	2	3	4	5	6	7	8	9	10	11	12	13.00	14
34	Shimla	Rampur	9239	10793	0.47	0.07	0.55	1.5	1.32	Compliant	Satluj River	-0.954	
35		Rohru	6875	8032	0.35	0.05	0.41	1.745	1.745	Compliant	Pabber River	-1.339	
36		Jubbal	1640	1916	0.11	0.02	0.13	0.65	0.35	Compliant	Pabber River	-0.518	
37		Kotkhai	1190	1390	0.08	0.01	0.09	0.47	0.1	Compliant	Giri River	-0.377	
38		Theog	4353	5085	0.24	0.04	0.28	1.15	0.1	Compliant	Giri River	-0.869	
39		Narkanda	901	1053	0.06	0.01	0.07	0.45	0.3	Compliant	Satluj River	-0.382	
40		Sunni	2591	3027	0.13	0.02	0.15	0.65	0.3	Compliant	Satluj River	-0.497	
41		Chopal	1851	2162	0.12	0.02	0.14	0	0			0.139	Funding is being
42		Chirgaon	3378	3946	0.17	0.03	0.20	0	0			0.200	Funding is being pursued
43		Nerwa	2293	2679	0.15	0.02	0.17	0	0			0.173	Funding is being pursued
44	Sirmour	Nahan	29014	33895	3.66	0.55	4.21	0	0			4.210	Mar-26
45		Paonta	25183	29419	3.18	0.48	3.65	3.16	1.94	Compliant	Yamuna River	0.494	
46		Rajgarh	3083	3602	0.16	0.02	0.18	0	0			0.182	Funding is being pursued
47	Solan	Solan	47418	55395	5.32	0.80	6.12	2.9	1.8	Compliant	Giri River	3.216	Funding is being pursued
48		Nalagarh	10709	12510	1.00	0.15	1.15	3.62	0.8	Compliant	Sirsa River	-2.469	
49		Baddi	29911	34943	1.96	0.29	2.25	5.5	1.75	Compliant	Sirsa River	-3.250	
50		Parwanoo	8758	10231	1.13	0.17	1.30	1	0.3	Compliant	Kaushalya River	0.298	Mar-25
51		Arki	3040	3551	0.20	0.03	0.23	0.7	0.4	Compliant	Satluj River	-0.471	
52		Kandaghat	2598	3035	0.29	0.04	0.34	0	0			0.335	Funding is being pursued
53	Una	Una	18722	21871	2.10	0.31	2.41	3.18	0.82	Compliant	Swan River	-0.765	
54		Santokgarh	9363	10938	1.05	0.16	1.21	0	0			1.208	Mar-25
55		Gagret	3847	4494	0.38	0.06	0.43	3.14	0			-2.706	
56		Mehatpur	9218	10769	1.03	0.16	1.19	0.73	0.2	Compliant	Swan River	0.459	Funding is being pursued
57		Tahliwal	3565	4165	0.23	0.03	0.27	0	0			0.268	Funding is being pursued
58		Amb	7825	9141	0.33	0.05	0.38	0	0			0.378	Funding is being pursued
59		Daulatpur	3763	4396	0.28	0.04	0.32	0	0			0.324	Funding is being pursued
60	Shimla	Shimla	169578	198104	21.40	3.21	24.60	46.96	24.6	Compliant	Ashwani, Satluj River	-22.355	
		Grand Total	**791833**	**925035**	**81.62**	**12.24**	**93.864**	**144.263**	**84.263**			-50.399	

Note: Minus sign indicates no gap and surplus treatment capacity in the town

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Annexure-II

ULB wise Wet Waste Processing Data

S.No	Name of ULB	Total waste gen. (TPD)	wet waste	Wet waste processed (TPD)	Gap	Method of processing	Remarks
1	Chamba	8.38	4.61	4.61	0.00	OWC: 3 TPD Pit Composting : 1.61 TPD	
2	Chowari	1.47	0.81	0.81	0.00	OWC: 0.5 TPD Pit Composting : 0.31 TPD	
3	Dalhousie	4.55	2.50	2.50	0.00	OWC: 1 TPD Pit Composting : 0.5 TPD BWG Own Processing : 1TPD	
4	Bilaspur	5.33	2.93	2.93	0.00	Piggery: 2.93 TPD	
5	Ghumarwin	3.08	1.69	1.69	0.00	Piggery : 1.69 TPD	
6	NainaDevi	2.12	1.17	1.17	0.00	Pit Composting : 1.17 TPD	
7	Talai	1.68	0.92	0.92	0.00	OWC: 0.92 TPD	
8	Jogindernagar	2.08	1.15	1.15	0.00	OWC: 1 TPD Pit Composting : 1 TPD	
9	Karsog	1.02	0.56	0.00	0.56	NA	The work of development of SWM site is under process and the construction of the shed at the SWM site is expected to be completed within two weeks, and the site will be fully operational soon.
10	Mandi	17.64	9.70	9.70	0.00	Pit Composting : Organic Waste Composter:10	
11	Nerchowk	3.33	1.83	1.83	0.00	OWC: 2 TPD	
12	Rewalsar	1.31	0.72	0.72	0.00	Drum Composting: 0.8TPD	
13	Sarkaghat	2.17	1.20	1.20	0.00	Pit Composting : 2.5 TPD	
14	Sundernagar	9.51	5.23	5.23	0.00	OWC: 6 TPD	
15	Arki	1.19	0.65	0.65	0.00	OWC: .5 TPD & Pit Composting	
16	Baddi	13.30	7.32	7.32	0.00	Waste is being processed at M/s JBR Waste to Compost plant located at Village Kenduwal, Baddi.	Waste is being processed at M/s JBR Environment SWM plant under cluster approach.
17	Nalagarh	5.68	3.12	3.12	0.00	Waste is being processed at M/s JBR Waste to Compost plant located at Village Kenduwal, Baddi.	Waste is being processed at M/s JBR Environment SWM plant under cluster approach.
18	Parwanoo	4.92	2.70	2.70	0.00	Waste is being processed at M/s JBR Waste to Compost plant located at Village Kenduwal, Baddi.	Waste is being processed at M/s JBR Environment SWM plant under cluster approach.

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19	Solan	22.50	12.38	12.38	0.00	Waste processing work has been outsourced to M/s Suntan life. Currently Wet waste is being processed Bio-Methanation (Through contractor M/s Suntan Life) Plant Capacity: 200 TPD	Waste processing work outsoourced to M/s Suntan Life and the data is actual data of waste generation as provided by MC Solan.
20	Kandaghat	0.78	0.43	0.43	0.00	Currently waste being sent to MC Shimla Waste processing plant.	Currently waste being sent to MC Shimla Waste processing plant.
21	Nahan	12.22	6.72	6.72	0.00	The work of solid waste processing and disposal has been outsourced through Private agency (Suntan life ltd.) and all collected wet waste processing by Private agency on day to day biases.	the waste is processed by an associated firm (M/s Suntan life) using Biomethanation & Extrusion Methodology
22	Paonta Sahib	11.32	6.23	6.23	0.00	The work of solid waste processing and disposal has been outsourced through Private agency (Suntan life ltd.) and all collected wet waste processing by Private agency on day to day basis.	the waste is processed by an associated frim(M/s Suntan life) using Biomethanation & Extrusion Methodology
23	Rajgarh	1.20	0.66	0.66	0.00	Gausadan : 0.66 TPD	
24	Banjar	0.55	0.30	0.30	0.00	Temporary composting pits :- 0.34 TPD	Currently NP Banjar does not have SWM facility for the processing of municipal waste. The wet waste is being processed through temporary composting pits and being sent to cement plant for end disposal. A SWM land has been identified by NP Banjar at Mangalore Gram Panchayat but Gram panchayat has refused to give NOC. NOC matter is also taken up with Distt. Administration for providing NOC from concerned Gram Panchayat.
25	Bhunter	1.75	0.96	0.96	0.00	Pit Composting : 1 TPD	Currently NP Bhunter does not have its own SWM facility and RDF is being sent to cement plant for end disposal. Land for SWM plant has been jointly identified by NP Bhunter and MC Kullu but NOC is pending from Bhrain Gram Panchayat.
26	Kullu	7.83	4.31	4.31	0.00	OWC: 3 TPD Gausadan : 0.50 TPD Others (Specify) : Aprrox. 0.81 TPD is taken by milk suppliers who came from neighbouring villages in daily basis.	MC Kullu has setup machinery at MRF site and new land has been jointly identified by MC Kullu and NP Bhunter at Bhrain Gram Panchayat but NOC is pending from concerned Gram Panchayat.

27	Manali	4.81	2.64	0.00	2.64	NA	Earlier fresh waste of MC Manali was handled by M/S Nextgen Chemicals but the work has been stooped from 05 July 2024 because of the termination of agreement between MC Manali and M/s Nextgen Chemicals. New tender for handling fresh waste has been given to M/s Suntan Life. M/S Nextgen Chemicals has gone to HP High Court Shimla for arbitration. Currently the waste in not being processed because the M/s Nextgen Chemicals has not removed their machinery from the site and due to relaxation of court orders. Due to this M/s Suntan life is facing issues to install their machinery at the site.
28	Nirmand	0.61	0.34	0.20	0.14	Pit Composting : 0.20 temporary pit.	At present there is no land available for setting up SWM plant. A new land 3 Bigha Forest Land has been identified in Chillanad at Gadej Panchayat for which Joint inspection has been carried out and NOC of the concerned Gram Panchayat has been received by this office. Non availability of non-forest land cerftificate for setting up of Solid Waste Management Plant in favour of Himachal Pradesh Urban Development Deptt. (Nagar Panchayat Nirmand), has also been received from the worthy Deputy Commissioner Kullu. The FCA case is uploaded on portal and is in process.
29	Bhota	0.57	0.31	0.31	0.00	OWC: 0.31 TPD	
30	Hamirpur	6.87	3.78	3.78	0.00	OWC: 3 TPD Pit Composting : 0.78 TPD	
31	Nadaun	1.81	0.99	0.99	0.00	OWC: 0.99 TPD	
32	Sujanpur	3.10	1.70	1.70	0.00	Pit Composting : 1.70 TPD	
33	Dehra	1.88	1.03	1.03	0.00	Pit Composting : 0.43 TPD Piggry : 0.6	
34	Jawalamukhi	2.09	1.15	1.15	0.00	OWC: 1.15 TPD	
35	Baijnath	7.68	4.22	4.22	0.00	Drum Composting: 0.18 TPD Gausadan: 1.8 TPD Any other method (Please specify) 2.24TPD (Ward No. 4,6,9 and 7 households are use wet waste for their animals)	
36	Dharamshala	21.41	11.77	11.77	0.00	Biogas : 3.5 TPD Any other method (Please specify)- 8.27 TPD processed by M/s Suntan Life through BIO-METHANATION	
37	Jawali	3.46	1.91	1.91	0.00	Pit Composting : 1.21 TPD Others (Specify): 0.7 Most of the households use wet waste for their animals.	25 nos. composting pits have been constructed and processing of wet waste has been started and Most of the households use wet waste for their animals

38	Kangra	5.22	2.87	2.87	0.00	OWC : 1 TPD Gausadan: 1.25 TPD Piggery : 0.62 TPD	
39	Nagrota Bagwan	3.20	1.76	1.76	0.00	Piggry : 1.76	
40	Nurpur	4.43	2.43	1.78	0.65	Composting Pits : 1 Others (Specify) : 0.78 wet waste is used by housholds to their animals.	Own Land available. Temporary MRF facility available . Tender for C/o MRF Faclity, composting pits and site development has been started and work in progress. Shredder machine purchased and is in working position.
41	Palampur	14.88	8.19	8.19	0.00	OWC: 5 TPD Pit Composting : 2 TPD Gausadan : 1.19TPD	
42	Shahpur	1.35	0.74	0.74	0.00	Any other method (Please specify): 0.74 (All the merged area, most of household have own animals and they are use wet waste for their animals. Approx. 40-50 Kg Waste sent to SWM Plant Kangra).	
43	Daulatpur	1.47	0.81	0.81	0.00	Pit Composting : 0.7 TPD	
44	Gagret	1.80	0.99	0.99	0.00	Gausadan : 0.8 TPD	
45	Mehatpur	3.90	2.14	2.14	0.00	OWC: 2 TPD Pit Composting : 0.14 TPD	
46	Una	7.90	4.35	4.35	0.00	OWC: 2 TPD Pit Composting : 2 TPD	
47	Santokhgarh	3.95	2.17	2.17	0.00	Pit Composting : 2 TPD	
48	Tahliwal	1.69	0.93	0.93	0.00	0.73 TPD Temporary Pit composting facility.	
49	Amb	2.17	1.19	1.19	0.00	1.19 TPD Temporary Pit composting facility.	
50	Chopal	0.72	0.40	0.40	0.00	Pit Composting : 0.14 TPD Gausadan : 0.26 TPD	
51	Jubbal	0.64	0.35	0.35	0.00	Pit Composting : 0.16 TPD Others (Specify) : 0.19(Collected by the local residents for their cattle etc).	
52	Kotkhai	0.46	0.26	0.26	0.00	OWC: 0.25 TPD Drum Composting : 0.01	
53	Narkanda	1.25	0.25	0.25	0.00	OWC: 0.15 TPD Drum Composting: 0.10TPD	
54	Rampur	4.05	2.23	2.23	0.00	Drum Composting: 0.53TPD Gausadan : 1.20 TPD Piggery : 0.5 TPD	
55	Rohroo	2.98	1.64	1.64	0.00	Pit Composting : 0.62 TPD Gausadan : 0.83 TPD Others (Specify) : (Collected by the local residents for their cattle etc). 0.19	

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56	Sunni	1.01	0.56	0.56	0.00	Pit Composting : 0.56 TPD	
57	Theog	1.70	0.93	0.93	0.00	Drum Composting: 0.43 TPD Organic Waste Composter : 0.5	
58	Chirgaon	1.01	0.56	0.56	0.00	Pit Composting : 0.20 TPD Piggery : 0.16 TPD Any other method (Please specify):- 0.20 is self disposed by local people for cattle feed.	
59	Nerwa	0.66	0.37	0.37	0.00	Gausadan :0.2 Piggery : 0.1 TPD Others (Specify) : 0.7 Taken away by local residents for cattle feding	
60	Shimla	107.75	59.26	59.26	0.00	OWC : 1.0 TPD Drum Composting : 9.8 TPD Biogas :1.0 TPD Gausadan : 1.0 TPD Others: 1. Waste to Energy - Wet waste with low moisture content is passed through drum driers and/or further allowed for natural degradation and then mixing with RDF. Partially the wet waste is being used in the RDF within the controlled moisture content being accepted at the Cement plants. 2. About 5-6 TPD is collected at the Subzi Mandi by informal persons for feeding their cattles etc. in the nearby areas. 3. Further, 15 TPD biomethanation plant for wet waste is being established.	
Total		267.62	146.76	142.77	3.99		

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ULB wise Dry Waste Processing Data

S.No	Name of ULB	Total waste gen. (TPD)	Dry waste	Dry waste processed (TPD)	Gap	Method of processing	Remarks
1	Chamba	8.38	3.35	3.35	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
2	Chowari	1.47	0.59	0.59	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
3	Dalhousie	4.55	1.82	1.82	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
4	Bilaspur	5.33	2.13	2.13	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
5	Ghumarwin	3.08	1.23	1.23	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
6	NainaDevi	2.12	0.85	0.85	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
7	Talai	1.68	0.67	0.67	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
8	Jogindernagar	2.08	0.83	0.83	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
9	Karsog	1.02	0.41	0.00	0.41		The work of development of SWM site is under process and the construction of the shed at the SWM site is expected to be completed within two weeks, and the site will be fully operational soon.
10	Mandi	17.64	7.06	7.06	0.00	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	
11	Nerchowk	3.33	1.33	1.33	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
12	Rewalsar	1.31	0.52	0.52	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
13	Sarkaghat	2.17	0.87	0.87	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
14	Sundernagar	9.51	3.80	3.80	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
15	Arki	1.19	0.47	0.47	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
16	Baddi	13.30	5.32	5.32	0.00	Waste is being processed by M/s JBR located at Vill. Kenduwal, Baddi.	Waste is being processed at M/s JBR Environment SWM plant under cluster approach.
17	Nalagarh	5.68	2.27	2.27	0.00	Waste is being processed by M/s JBR located at Vill. Kenduwal, Baddi.	Waste is being processed at M/s JBR Environment SWM plant under cluster approach.
18	Parwanoo	4.92	1.97	1.97	0.00	Waste is being processed by M/s JBR located at Vill. Kenduwal, Baddi.	Waste is being processed at M/s JBR Environment SWM plant under cluster approach.
19	Solan	22.50	9.00	9.00	0.00	MRF Facility available. (Contractor's facility at Ambala)	Waste processing work outsoourced to M/s Suntan Life and the data is actual data of waste generation as provided by MC Solan.
20	Kandaghat	0.78	0.31	0.31	0.00	Currently waste being sent to MC Shimla Waste processing plant.	Currently waste being sent to MC Shimla Waste processing plant.

21	Nahan	12.22	4.89	4.89	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	The waste is processed by an associated firm(M/s Suntan life) using Biomethanation & Extrusion Methodology
22	Paonta Sahib	11.32	4.53	4.53	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	the waste is processed by an associated firm(M/s Suntan life) using Biomethanation & Extrusion Methodology
23	Rajgarh	1.20	0.48	0.48	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
24	Banjar	0.55	0.22	0.22	0.00	Temporary MRF available and Dry waste will be sent to cement plant for end disposal.	Currently NP Banjar does not have SWM facility for the processing of municipal waste. The wet waste is being processed through temporary composting pits and RDF will be sent to cement plant for end disposal. A SWM land has been identified by NP Banjar at Mangalore Gram Panchayat but Gram panchayat has refused to give NOC. NOC matter is also taken up with Distt. Administration for providing NOC from concerned Gram Panchayat.
25	Bhunter	1.75	0.70	0.70	0.00	Temporary MRF available and Dry waste will be sent to cement plant for end disposal.	Currently NP Bhunter does not have its own SWM facility and RDF will be sent to cement plant for end disposal A SWM land has been jointly indentified by NP Bhunter and MC Kullu but NOC is pending from Bhrain Gram Panchayat.
26	Kullu	7.83	3.13	3.13	0.00	MRF Facility availabe and Dry waste is being sent to cement plant for end disposal.	MC Kullu has setup machinery at MRF site and new land has been jointly identified by and MC Kullu and NP Bhunter at Bhrain Gram Panchayat but NOC is pending from concerned Gram Panchayat.
27	Manali	4.81	1.92	0.00	1.92	NA	Earlier fresh waste of MC Manali was handled by M/S Nextgen Chemicals but the work has been stooped from 05 July 2024 because of the termination of agreement between MC Manali and M/s Nextgen Chemicals. New tender for handling fresh waste has been given to M/s Suntan Life. M/S Nextgen Chemicals has gone to HP High Court Shimla for arbitration. Currently the waste in not being processed because the M/s Nextgen Chemicals has not removed their machinery from the site and due to relaxation of court orders. Due to this M/s Suntan life is facing issues to install their machinery at the site.
28	Nirmand	0.61	0.24	0.11	0.13	NA	Own Land available. Temporary MRF facility available . Tender for C/o MRF Faclity, composting pits and site development has been started and work in progress. Shredder machine purchased and is in working position.
29	Bhota	0.57	0.23	0.23	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
30	Hamirpur	6.87	2.75	2.75	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
31	Nadaun	1.81	0.72	0.72	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
32	Sujanpur	3.10	1.24	1.24	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
33	Dehra	1.88	0.75	0.75	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	

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34	Jawalamukhi	2.09	0.84	0.84	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
35	Baijnath	7.68	3.07	3.07	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
36	Dharamshala	21.41	8.56	8.56	0.00	MRF Available RDF sent to cement plant through waste warriors. Remaining dry waste processed and disposed by M/S Suntan life. Utilization of Other material: Processed/ Utilization of other material by M/s Suntan Life Pvt. Ltd. Note:- 1. 2 TPD Dry Waste Processed in MRF site at Ward No. 13 near IHSDP site. (Through Waste Warriors NGO) 2. 6.56 TPD Dry Waste Processed at SWM site Ward No. 6 (Through M/s Suntan Life Pvt. Ltd.)	
37	Jawali	3.46	1.39	1.39	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
38	Kangra	5.22	2.09	2.09	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
39	Nagrota Bagwan	3.20	1.28	1.28	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
40	Nurpur	4.43	1.77	1.77	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
41	Palampur	14.88	5.95	5.95	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
42	Shahpur	1.35	0.54	0.54	0.00	0.44 TPD (Non-recyclable waste sent to SWM Plant Kangra. Remaining recyclable waste take away by waste pickers).	
43	Daulatpur	1.47	0.59	0.59	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
44	Gagret	1.80	0.72	0.72	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
45	Mehatpur	3.90	1.56	1.56	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
46	Una	7.90	3.16	3.16	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
47	Santokhgarh	3.95	1.58	1.58	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
48	Tahliwal	1.69	0.68	0.68	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
49	Amb	2.17	0.87	0.87	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	

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50	Shimla	107.75	43.10	43.10	0.00	MRF Facility : 1.0-1.5 TPD Recyclers: 1.5 TPD RDF to Cement Inds.: 39.0 TPD Waste to Energy : 1.0-1.5 TPD	
51	Chopal	0.72	0.29	0.29	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
52	Jubbal	0.64	0.26	0.26	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing. Utilization of Other material: Other dry waste including card board , paper etc. are being sold by the shopkeeper to the rag picker/ kabadiwala directly.	
53	Kotkhai	0.46	0.19	0.19	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing. Dry waste is also sent to Bhariyal Plant Shimla every third day of the week. Utilization of Other material : All Other Recyclable material (For Example Cardboard, Plastic bottles, paper are being sold by the shopkeeper and the rag pikers etc.)	
54	Narkanda	1.25	1.00	1.00	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
55	Rampur	4.05	1.62	1.62	0.00	Dry waste is being sent Waste to energy plant Bharyal Shimla HP	
56	Rohroo	2.98	1.19	1.19	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing. Utilization of Other material: Cardboard, plastic bottles, paper are being sold by the shop kipper and repacked etc.	
57	Sunni	1.01	0.40	0.40	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing. Utilization of Other material: Rest of the material is being collected by the Rag pickers and the Sanitation workers during the D2D collection. Besides this, approx.	
58	Theog	1.70	0.68	0.68	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing.	
59	Chirgaon	1.01	0.41	0.41	0.00	MRF available & RDF/SCF is being sent sent to Cement plants for co-processing. Utilization of Other material:- all other recyclables material sold by safai karamchari.	

60	Nerwa	0.66	0.27	0.27	0.00	RDF/SCF sent weekly to Shimla at Waste to Energy plant for co-processing. Utilization of Other material: - all other recyclables material sold by safai karamchari, shopkeeper itself	
Total		375.37	150.64	148.19	2.45		

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Annexure-III

Legacy Waste Management Report

S. No.	ULB	Previously estimated quantity	Revised estimated quantity	Total Quantity cleared upto 29.02.2024	Quantity cleared during 1.03.2024 to 31.08.2024	Balance	Total Fraction Generation	Total Fraction Disposal	Remarks
1	2		3	4	6	7	8		
			(Tons)						
1	Dharamshala	40000	96555.00	23865.54	24281.66	48407.80	Good Earth Soil : 31262.07 Inerts : 2480.72 Plastics : 5560.24 C&D : 5954.97	Good Earth Soil : 30333 Inerts : 2407 Plastics : 5395 C&D : 5778	1. The Good Earth retrieved is utilized for land leveling purposes on and off site throughout the Bio-remediation process. 2. The pits and puddles and the reclaimed portion of land is filled with Good earth mixed with inert, which can be utilized for green belt preparation, after the complete reclaimation is attained. 3. The damaged roads during rains are cured with the help of C&D waste & Good Earth obtained, thus helping the efficient movement of vehicles involved in the Bioremediation process. 4. The RDF makes its way to cement plants and power generation unit during the course of project via third party EPR vendors and a fraction is stored till the peak summer season arrives, which ensures its fast disposal.
2	Mandi	45000	106068.00	26268.62	650.00	79149.38	Good Earth Soil : 7400 Inerts : 2556.62 Plastics : 16962	Good Earth Soil : 7400 Inerts : 2556.62 Plastics : 16962	
3	Solan	48000	66179.00	46903.72	19275.28	0.00	Good Earth Soil : 17178.06 Inerts : 2454.009 Plastics : 3681.013 C&D : 1227.004	SCF/RDF sent to combustion units (Cement plant & Power generation): 5949.420 tons. (other fraction uses/disposal mentioned in remarks.	1. The Good Earth retrieved is utilized for land levelling purposes on and off site throughout the Bio-remediation process. 2. The pits and puddles and the reclaimed portion of land is filled with Good earth mixed with inert, which can be utilized for green belt preparation, after the complete reclamation is attained. 3. The damaged roads during rains are cured with the help of C&D waste & Good Earth obtained, thus helping the efficient movement of vehicles involved in the Bioremediation process. 4. The RDF makes its way to cement plants and power generation unit during the course of project via third party EPR vendors and a fraction is stored till the peak summer season arrives, which ensures its fast disposal.
4	Kullu	38000	51337.00	32896.00	11181.00	7260.00	Good Earth Soil : 28379 Inerts : Plastics : 3769 C&D : 1651 Any Other : 424 (Please Specify)	Good Earth Soil : 22750 (Used for land levelling at adjoining land of legacy waste site) Inerts : Plastics : 615 (Sent to cement plant / Power plant for end disposal) C&D : 1651 Any Other : 424 (Please Specify)	

5	Manali	40000	100994.00	17696.75	18835.00	64462.25	Good Earth Soil : 25460 Inerts : Plastics : 3382 C&D : 1482 Any Other (Please Specify) : 380	Good Earth Soil : 25000 (Used for landfilling at Patlikuhal Gausadan) Inerts : Plastics : 1624 (Sent to Power plant for end disposal) C&D : 1482 (Used for reparing of retaining wall) Any Other (Please Specify) : 380	
6	Baddi	40000	84358.58	34087.24	15400.68	34870.66	RDF: 27612.80 Compost : 17146.41	RDF sent to cement plants and textile industries. Good earth used for land levelling and gardening. Compost is either sold or used in the garden and buffer zones. Inert is used for the land filling.	
7	Hamirpur	2100	24458.00	8315.906	15051.6	1090.49	Good Earth Soil : 15656.22 Inerts : 1168.37 Plastics : 1869.40 C&D : 4673.50	Good Earth Soil : 15656.22 The Good Earth retrieved is utilized for land levelling purposes on and off site throughout the Bio-remediation process. The pits and puddles and the reclaimed portion of land is filled with Good earth mixed with inert, which can be utilized for green belt preparation, after the complete reclamation is attained. Inerts : 1168.37 Good earth mixed with inert, which can be utilized for green belt preparation. Plastics : 1603.335 Sent to Combustion Units ,Cement Plant & Power Generation) The RDF makes its way to cement plants and power generation unit during the course of project via third party EPR vendors and a fraction is stored till the peak summer season arrives, which ensures its fast disposal. C&D : 4673.50 The damaged roads during rains are cured with the help of C&D waste & Good Earth obtained.	
8	Una	1200	31414.00	9737.41	16135.85	5540.74	Good Earth Soil : 186258.74 Inerts : 2069.86 Plastics : C&D : 2587.326 Any Other (RDF) : 2587.326	Good Earth Soil : 186258.74 Inerts : 2069.86 C&D : 2587.326 Any Other (RDF) : 120	
9	Santokhgarh	2300	14980	2908.49	7131.23	4940.28	Good Earth Soil : 7228.59 Inerts : 803.17 Plastics : C&D : 1003.972 Any Other (RDF) : 1003.972	Good Earth Soil : 7228.59 Inerts : 803.17 C&D : 1003.972 Any Other (Please Specify) : 46	
10	Chowari	525	3185.00	525.00	0.00	2660.00	Good Earth Soil : 367 Tons Inerts : 53 Tons Plastics : 79 Tons C&D : 26 Tons	Good Earth Soil : 367 Tons Inerts : 53 Tons Plastics : 79 Tons C&D : 26 Tons	
Total		**257125**	**579528.58**	**203204.68**	**127942.3**	**248381.604**			

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BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

(PRINCIPAL BENCH), NEW DELHI.

Original Application No. 606/2018
(In respect of State of Himachal Pradesh)

In the matter of: Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues.

AFFIDAVIT

I, Devesh Kumar, S/O Sh. B. D. Gupta, aged about 50 years, presently posted as Principal Secretary (Urban Development) to the Government of Himachal Pradesh, do hereby solemnly affirm and state on oath as under : -

1. That I am the Respondent in the present OA. No. 606/2018 in respect of State of Himachal Pradesh and well conversant with the facts and circumstances of the case. Therefore, I am competent to swear this Affidavit.

2. I state that I have read and understood the contents of accompanying Six Monthly Progress Report which have been drafted under my instructions, and I state that the facts stated therein are true and correct to the best of my knowledge and belief.

3. I state that the annexures annexed to the present Progress Report are true copies of their respective originals and form part of the record of the

Pr. Secretary (UD&TCP) to the
Govt. of Himachal Pradesh
Shimla-171002

ATTESTED

Executive Megistrate
H.P. Sectt., Shimla

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Hon'ble National Green Tribunal below.

DEPONENT
Pr. Secretary (UD&TCP) to the
Govt. of Himachal Pradesh
Shimla-171002

VERIFICATION

I, the above-named Deponent, do hereby verify that the contents of the above Affidavit are true and correct. No part of it is false and nothing material has been concealed there from.

Verified at Shimla. on this the 6th day of November 2024.

ATTESTED
Executive Megistrate
H.P. Sectt., Shimla

DEPONENT
Pr. Secretary (UD&TCP) to the
Govt. of Himachal Pradesh
Shimla-171002

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Declared before me on 6 day of November
2024 on oath (Solemnly Affixation)
by Shri Devesh Kumar Prasad (UD&TCP)
who is personally known to the or who
has been identified by Sh Krishan Kumar Advt
who is personally known to me.

Executive Magistrate
H.P. Sectt., Shimla