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No. No. UD-E(3)-8/2017-IV  
Government of Himachal Pradesh  
Department of Urban Development

From

The Principal Secretary (UD) to the  
Government of Himachal Pradesh

To

The Registrar General  
National Green Tribunal  
Faridkot House, Copernicus Marg  
New Delhi-110001

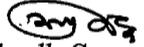
Dated, Shimla-02, the 16-4-2024

Subject:- 1<sup>st</sup> and 2<sup>nd</sup> Six Monthly Progress Report in O.A. No. 606/2018.

Sir,

In compliance to the directions/order dated 16.03.2023 passed by Hon'ble NGT in O.A No. 606 of 2018 , I am to enclose herewith the 1<sup>st</sup> and 2<sup>nd</sup> six monthly progress report with regard to solid and liquid waste management in respect of Himachal Pradesh State, please .

Yours faithfully,

  
(Prabodh Saxena)  
Chief Secretary to the  
Govt. of Himachal Pradesh

Enclosure-As above,

dated Shimla-171002,the 2024

Copy to :

1. Secretary , Ministry of Jal Shakti , Govt. of India , 1<sup>st</sup> Floor, Major Dhyan Chand National stadium , India Gate , New Delhi-110002.
2. Secretary, Ministry of Housing & Urban Affairs , Nirman Bhawan, New Delhi-110001.
3. Member Secretary, Central Pollution Control Board , Pariyesh Bhawan, East Arjun Nagar , Delhi -110032.
4. Director General, National Mission for Clean Ganga, Department of Water Resources , River Development & Ganga Rejuvenation Ministry of Jal Shakti , Govt. of India, New Delhi-110002.
5. Adviser, PHEE, CPHEEO, Ministry of Housing and Urban Affairs Nirman Bhawan , New Delhi-110001.

Chief Secretary to the  
Govt. of Himachal Pradesh

**1st Six Monthly Progress Report in O.A. NO. 606/2018 in respect of Himachal Pradesh****Progress Report of Sewage Waste Management in H.P.**

As per the directions issued during the personal hearing on 16.03.2023, the Status of Sewerage generation and treatment has been reviewed by Chief Secretary, GoHP. Further, Principal Secretary (JSV) is also reviewing on monthly basis. The execution of Sewerage Schemes have been severely affected due to unpredicted heavy rains in the month of July and August which cause hindrance in execution of work, Sewer network was badly damaged and site have been flooded and damaged which slowed down the progress of work.

**Brief is as under:**

Status	As on March 2023	As on August 2023	Remarks
Total No. of ULBs in the State	61	61	-
Total No. of installed STPs/ ULBs with STP facility	67/36	67/36	-
Sewerage generation in MLD	91.95	91.95	-
Installed Capacity of STPs in MLD	114.80	121.903	-
Sewage inflow in MLD	79.61	83.217	-
Excess installed capacity	22.85	29.953	-
Gap in treatment	12.34	8.733	-
<b>Although, overall adequate capacity is available, however, there is a gap of 22.15 MLD in 32 towns.</b>			

During the review meeting held with Chief Secretary (GoHP) on 25.05.2023, the following directions were issued:

- 1. Ring Fencing of Rs. 50.00 Cr.:**The Pr. Accountant General (A&E) HP has given in-Principal approval to District Treasury Officer, Capital Treasury Shimla vide letter No. T.M./8-1/PLA/2023-24/1601-08 dated 30.08.2023.

## 2. Progress of Setting up of STPs to address the gap in sewerage management:

Despite unprecedented rainfall and landslides, the significant progress has been made in setting up of STPs. JSV has targeted to complete STPs in 9 Towns by March 2024. The Comparative progress is as under:

Sr. No.	Location of STP	Current Gap in 2023	Capacity (in MLD)	Status as on Feb -2023			Status as on August - 2023		
				Netwo rking	Physical Progress (STP) in % age up to Feb. 2023 as reported from concerned EEs		Netw orkin g	STP	
					Civil	Mech anical		Civil	Mecha nical
1	Gagret	0.42	3.14	-	95%	-	97%	100%	97%
2	Rewalsar (Chalahar)	0.13	0.35	-	95%	-	73%	96.5 %	97.5%
3	Chowari	0.24	1.1	-	95%	-	75%	100%	95%
4	Santokhgar h	1.18	2.5	-	80%	-	0%	85%	85%
5	Mandi- (Raghunath ka Padhar & Khaliyar)	1.09	6.28	-	41%	-	53%	72%	25%
6	Chamba (Parel)	0	0.87	-	80%	-	75%	97%	97%
7	Dalhousie	0.7	2.7	-	35%	-	97%	85%	80%
8	Parwanoo Zone-II	0.27	1.00	-	20%	-	65%	75%	65%
9	Dharamsha la	0	0.95	-	90%	-	76%	100%	NA

The efforts are being made to complete the above STPs by March 2024.

Further, 4 Nos. schemes have been approved under AFD and it will reduce the gap of 8.78 MLD by March 2026.

More efforts are being made to reduce the gap in 10 towns for which planning have been made and sent to Government for approval of CSAPs-Used water Management under SBM (U)-2.0 and if approved, it will further reduce the gap of 6.15 MLD by December, 2026.

**3. Sewerage connections:**

**Urban Sector:** Total 44935 connections have already been released upto March 2023. Jal Shakti Vibhag has released 605 No. connections by August 2023. Total released connection till August, 2023-**45540 No.**

**Rural Sector:** Total 1455 connections have already been released upto March 2023. Jal Shakti Vibhag has released 133 No. connections by August 2023. Total released connection till August, 2023- **1588 No.**

**Progress Report of Solid Waste and Legacy Waste Management in urban Sector.**

As per the directions issued during the personal hearing on 16.03.2023, the status of Legacy Waste and gaps in Solid Waste Management has been reviewed by Chief Secretary, GoHP. Further, Principal Secretary (UD) is also reviewing on a weekly basis. Accordingly, necessary directions are being issued to eliminate the gaps. The ULBs have made its sincere efforts to eliminate the gaps and clear the Legacy Waste. Here it is worth mentioning that work of disposal of waste and clearance of legacy waste has been severely affected due to unpredicted heavy rains in the month of July and August which cause hindrance in mobilization of equipments and machineries and sites have been flooded and damaged which slowed down the process of treatment of waste and transportation of RDF to cement plants. Further, due to natural calamity all Govt./ ULBs machineries have been engaged in rehabilitation process which is underway in the State. Despite of all above, the progress made in the last six months is as under:

**Solid Waste Management:**

Status	As on March 2023	As on August 2023
Total No. of ULBs in the State	61	61
Total No. of Wards in the State	558	558
Quantity of MSW Generated (TPD)	365TPD (Wet:201 & Dry:146 18)	365 TPD (Wet: 201 & Dry: 146 Inert: 18)
Quantity of MSW Collected (TPD)	365 TPD (Wet: 201 & Dry: 146 Inert: 18)	365 TPD (Wet: 201 & Dry: 146 Inert: 18)
Quantity of MSW Segregated & Transported (TPD)	365 TPD	365 TPD
Quantity of MSW Processed (TPD)	352 TPD	359 TPD
Gap in waste processed (TPD)	13 TPD	6 TPD

**Legacy Waste Management:**

#	Details	As on March 2023	As on August. 2023
a	No. of Legacy waste dumpsites	16	16
b	Quantity of legacy waste dumped at dumpsites - in Tonnes	263641.00	263641.00
c	Quantity of Legacy Waste Cleared at dumpsites -in Tonnes	83311.28	122603.27
d	Quantity of Balance Legacy Waste at dumpsites - in Tonnes	180329.72	141037.73
e	No. of legacy waste dumpsites cleared (Bilaspur, Sunder Nagar, Sarkaghat and Rewalsar)	02	04
f	No. of legacy dumpsites where bio mining has commenced	14	12
g	Timeframe for clearing all legacy dumpsites	March, 2024	March, 2024

\*Legacy Waste cleared w.e.f March to August 2023 = 39291.99 Tonnes

**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 agencies for taking up activities under Solid Waste Management (SWM) and Liquid Waste Management. Gram Panchayats are doing their best to gear up the progress under Solid and Liquid Waste Management (LWM). Due to the unpredicted heavy rains in the month of July and August the progress under SLWM was severely affected. Moreover, due to natural calamity all Govt. machineries/ GPs were engaged in rehabilitation process, which is underway in the state. Despite of that, the progress made in the last six months is as under :

Status	Target	As on March 2023	As on August 2023
<b>SWM</b>			
No. of PWMU established	88	28	8 ( under construction) Total 28 +8 = 36
No of Segregation - cum -Storage Shed	3615	654	1305
<b>LWM</b>			
No. of Retrofitting single pit to Twin pit Toilets			48
Adding Soak Pits to Septic Tanks			2
Households having Soak pits/ other disposal of Grey Water		2344 - Soak Pits 140 - Leach Pits 52 - Magic Pits	16963 - Soak Pits 290 - Leach Pits 133 - Magic Pits
Community soak pits		2382	4352

**Progress Report of Sewage Waste Management in H.P.**

As per the directions issued during the personal hearing on 16.03.2023, the Status of Sewerage generation and treatment has been reviewed by Chief Secretary, GoHP. Further, Additional Chief Secretary (JSV) to the GoHP is also reviewing on monthly basis. The execution of Sewerage Schemes has been severely affected due to unpredicted heavy rains in the month of July and August which caused hindrance in execution of work, Sewer network was badly damaged and sites have been flooded and damaged which slowed down the progress of work.

**Brief is as under:**

<b>Status</b>	<b>As on March 2023</b>	<b>As on August 2023</b>	<b>As on February 2024</b>	<b>Remarks</b>
Total No. of ULBs in the State	61	61	60	NP Anni has de-notified by the Govt.
Total No. of installed STPs/ ULBs with STP facility	67/36	67/36	72/40	Installed Capacity increased by (8.16 MLD) in 5 ULBs under JSV.
Sewerage generation in MLD (Year 2024)	91.95	91.95	93.86	Due to increase in population since September 2023
Installed Capacity of STPs in MLD (Year 2024)	114.80	121.903	137.163	Increase in capacity of 15.26 MLD since, August, 2023 (8.16 MLD of JSV & 7.10 MLD of SJPNL)
Sewage inflow in MLD	79.61	83.217	84.077	
Gap in installed capacity (Minus sign indicates no Gap)	-22.85	-29.953	-43.303	
Gap in treatment	12.34	8.733	9.738	The gap on account of connectivity/ HH sewer connection

During the review meeting held with Chief Secretary (GoHP) on 25.05.2023, the following directions were issued:

1. **Ring Fencing of Rs. 50.00 Cr.:** In this context it is apprised that as per the commitment given in the Hon'ble NGT the Personnel Ledger Account (PLA) to Ring Fence Rs. 50.00 Crore earmarked for Sewerage Schemes has been opened in the month of November, 2023 by the JSV. This ring fenced budget amounting to Rs. 50.00 Crore which was allocated for Sewerage Schemes during the F.Y. 2023-24 had been fully utilized. Further this year also (24-25) the state has kept an allocation of about Rs 90 Crore for completion of sewerage schemes through Jal Shakti Department.

2. **Progress of Setting up of STPs to address the gap in sewerage management (w.e.f 01.09.2023-29.02.2024:**

- **Jal Shakti Vibhag:-** Despite unprecedented rainfall and landslides, significant progress has been made in setting up of STPs. JSV has targeted to complete STPs in 9 Towns by March 2024. The Comparative progress is as under:

Sr. No.	Location of STP	Gap in 2023	Capacity (in MLD)	Status as on August -2023			Status as on Feb-2024			Remarks
				Netwo rking	STP		Netwo rking	STP		
					Civil	Mechan ical		Civil	Mech anical	
1	Gagret	0.42	3.14	97%	100%	97%	99%	100%	100%	STP commiss ioned
2	Rewalsar (Chalahar)	0.13	0.35	73%	96.5%	97.5%	90%	100%	100%	STP commiss ioned
3	Chowari	0.24	1.10	75%	100%	95%	75%	100%	100%	STP commiss ioned
4	Santokhgarh	1.18	2.50	0%	85%	85%	0%	90%	80%	STP will be commiss ioned by 30.04.20 24
5	Mandi- (Raghunath ka Padhar & Khaliyar)	1.09	6.28	53%	72%	25%	57%	78%	55%	STP will be commiss ioned by Decemb er 2024.
6	Chamba (Parel)	0	0.87	75%	97%	97%	85%	100%	100%	STP commiss ioned

7	Dalhousie	0.70	2.70	97%	85%	80%	100%	100%	90%	STP commissioned
8	Parwanoo Zone-II	0.27	1.00	65%	75%	65%	65%	80%	65%	STP will be commissioned by 31.07.2024
9	Dharamshala	0	0.95	76%	100%	NA	80%	100%	100%	STP Commissioned

Earlier there was a gap of 22.15 MLD in 32 towns in year 2023, Now on Feb 2024, the gap has been reduced to 21.36 MLD in 28 Towns by installation of above 5 No. STPs in 4 Towns. The reduction in gap has been affected by non-availability of requisite funds under Sewerage head and huge damage due to unprecedented floods. Efforts are being made to complete the above remaining STPs.

Further, more efforts are being made to reduce the gap in 13 towns for which City sanitation Action Plan under SBM (U)-2.0 has been approved which will further reduce the gap by December, 2026.

- **Shimla Jal Prabandhan Nigam Limited:-** The comparative progress is as under:-

Sr. No.	Location of STP	Current Gap in 2023	Capacity (in MLD)	Status as on August -2023			Status as on Feb-2024			Remarks
				Netwo rking	Physical Progress (STP) in %		Netwo rking	STP		
					Civil	Mechanical		Civil	Mechanical	
1	STP Malyana	No Gap	8.42	--	100%	100%	--	100%	100%	STP Completed
2	STP Dhalli	No Gap	2.26	--	100%	100%	--	100%	100%	STP Completed
3	STP Lalpani	No Gap	18.10	--	97%	83%	--	98%	95%	STP partially completed

Efforts are being made to complete the STP Lalpani by April 2024.

**Sewerage connections:****• Jal Shakti Vibhag**

**Urban Sector:** Total **45540** connections have already been released upto August 2023. JSV has released 1000 No. connections by March 2024. Total released connections till February, 2024-**46540**No.

**Rural Sector:** Total **1588** connections have already been released upto August 2023. JSV has released **261**No. connections by March 2024. Total released connection till February 2024-**1849** No.

**• Shimla Jal Prabandhan Nigam Limited:-** Total **34156** No. connections have already been released upto September 2023 and same connections till February, 2024.

The performance of existing STPs in the State of HP is at **Annexure-A**.

Further special efforts are being made to improve the compliance status of STP's by constructing additional infrastructure in existing units as well as new units are being planned, in heavily loaded STP's.

**Progress Report of Solid Waste and Legacy Waste Management in urban Sector.**

As per the directions issued during the personal hearing on 16.03.2023, 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. Here it is worth mentioning that work of disposal of waste and clearance of legacy waste has been severely affected due to unpredicted heavy rains in last monsoon season which caused hindrance in mobilization of equipments and machineries and sites have been flooded and damaged which slowed down the process of treatment of waste and transportation of RDF to cement plants. However, ULBs have made its sincere efforts to eliminate the gaps 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	Remarks
<b>Total No. of ULBs in the State</b>	61	60	NP Anni has de-notified by the Govt.
<b>Total No. of Wards in the State</b>	558	551	
<b>Estimated Quantity of MSW Generated (TPD)</b>	365 TPD (Wet:201, Dry: 146 & Inert: 18)	375 TPD (Wet: 206, Dry: 150 & Inert: 19)	The estimation has been revised keeping in view the estimated growth of population.

<b>Estimated Quantity of MSW Collected (TPD)</b>	365 TPD (Wet: 201, Dry: 146 & Inert: 18)	375 TPD (Wet: 206, Dry: 150 & Inert: 19)	The Segregation of dry and wet waste is approx. 70 to 80%.
<b>Quantity of MSW Processed (TPD)</b>	359 TPD	368 TPD	
<b>Gap in waste processed (TPD)</b>	6 TPD	7 TPD	

The ULB wise waste processing data is annexed as **Annexure-B**.

In case of Municipal Council Manali, it is submitted that a Waste to Energy (WTE) Plant was set up through M/S Next Gen. Chemicals for 35 TPD capacity, for which an agreement was executed between M.C, Manali and M/S Next Gen. Chemicals, but inspite of best efforts, the Plant could not be made functional by M/S Next Gen. Chemicals. As such concerned Municipal Council is facing great difficulties in processing the waste because there is no other alternate land to set up processing Plant by the Municipal Council inside MC limits.

It is also submitted that Municipal Council, Manali generates 5-20 TPD waste which can be managed by the concerned ULB, but at present the Waste of all the adjoining Panchayats and adjoining District is also coming to the Waste Management site daily which is beyond the capacity of M.C. Manali. The concerned Deputy Commissioner has been directed to ensure proper Waste Management facilities in adjoining Gram Panchayats which falls under the limit of Rural Development Department as the Municipal Council Manali is unable to enforce regulatory measures under SWM Rules and environmental Laws beyond its limits.

#### Legacy Waste Management:

#	Details	As on August 2023	As on February 2024
a	No. of Legacy waste dumpsites	16	16
b	Quantity of legacy waste dumped at dumpsites – in Tonnes	2,63,641.00	2,79,483.00*
c	Quantity of Legacy Waste Cleared at dumpsites –in Tonnes	1,22,603.27	1,93,937.93
d	Quantity of Balance Legacy Waste at dumpsites - in Tonnes	1,41,037.73	85,545.07
e	No. of legacy waste dumpsites cleared (Bilaspur, Sunder Nagar, Sarkaghat, Rewalsar, Dalhousie and Baijnath)	04	06
f	No. of legacy dumpsites where bio mining has commenced	12	10
g	Timeframe for clearing all legacy dumpsites	-	December, 2024

\*The quantity originally estimated in some ULBs was not estimated scientifically earlier and the actual legacy waste is much higher than the original estimates after digging at site. The estimation process through third party is under progress in some ULBs. However, the clearance of legacy waste is continued and the actual quantity may increase after scientific estimation report is received from the third party.

**Note:**The progress of clearance of legacy waste by M/s JBR Tech. at M.Corp. Mandi was not satisfactory as such its contract was terminated and fresh tender has been invited which is under evaluation and will be awarded after approval of the Election Commission of India.

**(Legacy waste cleared from September 23 to February 2024 = 84356.71 Tonnes**

71531.29 from already assessed quantity  
12825.42 extra quantity as per \* above.)

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

### **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. 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. The progress made in the last six months is as under :

Status	Target	As on August 2023	As on February, 2024
<b>SWM</b>			
No. of PWMU established	88	8 ( under construction) Total 28 +8 = 36	4 (under construction) Total 32+4 = 36
No of Segregation— cum Storage Shed	3615	1305	1404
<b>LWM</b>			
No. of Retrofitting single pit to Twin pit Toilets		48	61
Adding Soak Pits to Septic Tanks		2	3
Households having Soak pits/ other disposal of Grey Water		16963 - Soak Pits 290 – Leach Pits 133 – Magic Pits	28916 - Soak Pits 290 – Leach Pits 371 – Magic Pits
Community soak pits	?	4352	4717

**Month wise performance reports of existing STPs**

**Urban Sector**

**Results for the month of January, 2024**

Sr. No.	Location	Existing STP Capacity in MLD	Compliance Status					Compliant or Non-Compliant
			pH	BOD	COD	FC	TSS	
1	Sh. Naina Devi Ji (Kola Toba dry nallah)	1.35	8.51	4	60	<1.8	48	Compliant
2	Ghumarwin (Bajohra MC ward)	1.2	6.98	15	136	1600	94	Non-Compliant for FC
3	Chamba -STP Barga -1	1.501	7.23	14	-	130	88.5	Compliant
4	Chamba -STP Barga-2	0.77	7.25	1.2	-	790	33.4	Compliant
5	Chamba -STP at Bhagot	0.89	6.95	6.4	-	2400	27.6	Non-Compliant for FC
6	Chamba-STP at Karian	0.49	7.87	8	-	540	28.2	Compliant
7	Hamirpur Town-Zone No. I	3.13	7.05	8	-	-	50	Compliant
8	Hamirpur Town -Zone No. II	1.35	6.61	15.2	-	-	83	Compliant
9	Hamirpur Town- Zone No. III	0.68	6.64	13.2	-	-	76	Compliant
10	Hamirpur- STP Ward No. 11	0.27	6.82	12.4	-	-	51	Compliant
11	Nadaun/ Nagarda Nr Hospital	1.69	7.35	18	-	1300	83	Non-Compliant for FC
12	Sewerage scheme to Sujjanpur Town(Zone I) Near HPSEB sub	1.5	7.35	6.4	-	840	30	Compliant
13	Sewerage scheme to Sujjanpur Town(Zone II) Near Govt ITI Doli	1.75	8.16	11.6	-	1300	83	Non-Compliant for FC
14	Nurpur- On the left bank of Jabber Khad near Bodh	3.13	7.99	4	-	170	1.8	Compliant
15	Dehra- Near Shamshan Ghat Dehra	1.38	7.61	6.6	-	2200	18.8	Non-Compliant for FC
16	Jawalamukhi- Near Petrol Pump Ganju Bag	2.83	7.81	1.4	-	170	1.1	Compliant
17	Dharamshala- Chellian	5.15	6.91	4.2	-	790	73	Compliant
18	Dharamshala -Old Charri Road	0.2	7.43	4	-	240	0.7	Compliant
19	Dharamshala -Ramnagar	0.03	7.18	1.6	-	790	1.3	Compliant
20	Dharamshala- Bhagsu	0.052	7.38	8	-	540	20.3	Compliant
21	Dharamshala- Chellian Near Nag Mandir	0.165	7.32	3.6	-	350	4.9	Compliant
22	Dharamshala-Mela ground Gamru	1.4	7.86	1.2	-	240	1.2	Compliant
23	Nagrota (village Tharu near Baner Khad)	1.34	6.9	16	-	5400	280.9	Non-Compliant for FC, TSS
24	Tanda-Right side bank of Baner Khad at Dr. RPGMG Tanda	1.4	6.85	1.4	-	540	11.4	Compliant
25	Kangra- STP Zone -I Near Senior Sec. School Kangra	1.68	6.85	1.2	-	790	7.6	Compliant
6.93	Kangra-STP Zone -II Near Bye pass Kangra	1.46	6.93	1.2	-	350	4.4	Compliant
27	Kangra- STP Zone -III Old Kangra near Fort	0.63	7.22	1.8	-	1400	32.1	Non-Compliant for FC
28	Palampur- Left Bank of Bihral Khad Bear Insp. Hut Palampur	0.351	8.36	1.2	-	350	5.5	Compliant
29	Kullu Town- Lanka Bekar	2.57	6.54	10	88	<1.8	35	Compliant

30	Kullu Town-Bhootnath	2.5	6.95	2	32	<1.8	10	Compliant
31	Kullu Town-Badah	0.38	7.86	14	92	<1.8	50	Compliant
32	Manali-Near Police Station Manali (1.82 to 3.00 MLD)	3	8.72	8	116	<1.8	92	Compliant
33	Bhunter -Mela Ground	0.99	7.04	43	124	1600	83	Non-compliant for FC & BOD
34	Bhunter- Sarabai	0.46	7.64	9	76	920	45	Compliant
35	Bhunter- Jarad	0.87						Sample not collected
36	Jogindernagar-Village Majahrnoo	1.73	7.05	15.5	76	140	26	Compliant
37	Mandi -Raghunath ka Padhar	3.83	7.35	10.3	100	<1.8	48	Compliant
38	Mandi- Khaliyar	0.47	7.58	0.6	20	110	21	Compliant
39	Sundernagar (Chandpur)	3.55	7.79	0.9	8	<1.8	12	Compliant
40	Sarkaghat-Paplog Zone B	0.7	7.3	7	140	<1.8	192	Non Compliant for TSS
41	Sarkaghat-Barchhwar Zone-C	1.67	6.98	22	124	1600	50	Non Compliant for FC
42	Rampur-Khopri	1	7.34	7.5	-	<1.8	19	
43	Rampur-Chuhabag	0.5	7.94	55	-	<1.8	87	
44	Rohru- Near Radha Swami Petrol Pump	1.745	8.34	8	0	<1.8	16	Compliant
45	Jubbal- Below 22 KV Sub-Station HPSEB Jubbal Ghungliidhar	0.651	7.61	4.7	0	280	27	Compliant
46	Kotkhai Town - Zone II	0.305	7.29	3.2	0	540	5	Compliant
47	Kotkhai Town - Zone III	0.163	7.03	7	0	1600	31	Non Compliant
48	Narkanda	0.45	-	-	-	-	-	Not collected
49	Theog	1.15						
50	Sunni	0.65	7.72	7.7	0	24	21	Compliant
51	Paonta Sahib -Zone -I (Devi Nagar)	0.44	7.6	10.5	0	1840	31	Non Compliant
52	Paonta Sahib-Zone -II (Main Bazar )	1	7.54	3.9	0	700	21	Compliant
53	Paonta Sahib-Zone -III (Jambu Ka Khalla )	1.72	-	-	-	-	-	Household connection to STP are under process.
54	Solan, Shamti	2.9						Sample not collected
55	Parwanoo	1	7.67	18	160	1600	32	FC not complying (Notice issued)
56	Arki Town	0.7	7.7	2	16	11	12	Complying
57	Baddi Town-Kenduwal	5.5						
58	Nalagarh Town-Mandiyapur	3.62	7.68	9.2	72	920	14	Complying
59	Una- Chandarlok Colony for Zone 'D	0.65						
60	Una- Rampur for Zone A&B	2.53	7.74	8.8	88	-	51	Compliant
61	Mehatpur- Zone A, B & C -Basdhera	0.73	7.52	13.6	124	-	79	Compliant

Rural Sector									
Sr. No.	Location	Existing STP Capacity in MLD	Compliance Status						
			PH	BOD	COD	FC	TSS	Compliant or Non-Compliant	
1	Bharmour- Hadsar	0.21							Notice issued for the consent
2	Marhi-Manali	0.2							
3	Sandhole Phase -I	0.31							Sample not collected due to closure of Rohitang area due to snow bound conditions
4	R/Peo -Sarbo	1	7.97	20	-	<1.8	33		CTE under process at HO
5	Sangla (Phase - II & III)	0.13							
6	Jakhri	1	8.28	13.9	-	<1.8	8.28		
7	Kumihar	0.9	7.63	4.4	36	13	19		Complying
SJPNL									
Sr. No.	Location	Existing STP Capacity in MLD	Compliance Status						
			PH	BOD	COD	FC	TSS	Compliant or Non-Compliant	
1	STP Lalpani	11	7.46	230	0	350	220		Non-Compliant
2	STP Malyana	5.82	7.76	195	0	350	270		Non-Compliant
			7.41	4.6	0	280	36		Compliant
3	STP Dhalli	2.26	6	8.4	0	280	6		Compliant
			6.89	6	0	540	10		Compliant
4	STP Snowdon	1.35	7.41	22	0	350	54		Compliant
5	STP North Disposal	5.8	7.75	22	0	1600	19		Non-Compliant
6	STP Summerhill	3.93	8.14	27.5	0	540	47		Compliant
			7.79	20	0	920	40		Compliant

ULB wise Waste Processing Data

S.No	Name of ULB	Population in 2021	Waste generated/cu pta/day in gms	Total waste gen. (TPD)	Wet waste (TPD)	Wet waste processed (TPD)	Gap	Method of processing	Dry waste (TPD)	Dry waste processed (TPD)	Gap	Method of processing	Inerts (TPD)	Inerts/ rejects Processed (TPD)	Gap	Method of Processing	Total quantity of waste processed (TPD)	Gap in processing (TPD)	Remarks
1	Chamba	27,918	300	8,3754	4,60647	4.61	0	OWC: 3 TPD Pit Composting: 1.5 TPD Gausaland: 0.11 TPD	3,35016	3.35	0	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.41887	0.41887	-	Used as filling of retaining walls	8,3754	-	-
2	Chowari	4,902	300	1,470639	0.80885	0.81	0	OWC: 0.5 TPD Pit Composting: 0.3 TPD Gausaland: 0.01 TPD	0.58826	0.59	0	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.07351965	0.07351965	-	Used as filling of retaining walls.	1,470639	-	-
3	Dalhousie	15,168	300	4,550225	2,30279	2.5	0	OWC: 1 TPD Pit Composting: 1.5 TPD	1.82021	1.82	0	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.22752623	0.22752623	-	Used as filling of retaining walls.	4,550246	-	-
4	Bilaspur	17754.30	300	5.33	2.93	2.93	-	Piggery: 2.93 TPD	2.13	2.13	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.27	0.27	-	Filling in retaining walls and is being Used in Footpaths	5.33	-	-
5	Chunarvin	10271.07	300	3.08	1.69	1.69	-	Piggery: 1.69 TPD	1.23	1.23	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.15	0.15	-	Filling in retaining walls and is being Used in Footpaths	3.08	-	-
6	Nainadewi	7065.56	300	2.12	1.17	1.17	-	Pit Composting: 1.17 TPD	0.85	0.85	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.11	0.11	-	Filling in retaining walls and is being Used in Footpaths	2.12	-	-
7	Tolai	5384.31	300	1.68	0.92	0.92	-	OWC: 0.92 TPD	0.67	0.67	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.08	0.08	-	Filling in retaining walls and is being Used in Footpaths	1.68	-	-
8	Jagindernagar	6939.70	300	2.08	1.15	1.15	-	OWC: 1 TPD Pit Composting: 1 TPD	0.83	0.83	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.10	0.10	-	Back filling in retaining walls and levelling of Katcha path etc.	2.08	-	-
9	Kansag	3414.59	300	1.02	0.56	0.56	0.56	NA	0.41	-	0.41	NA	0.05	-	-	NA	1.02	-	The site for SWM has been identified and the site development work has already been done. The tender formalities for the construction of shed at SWM site has been completed and the work works has been awarded to the Govt. contractor on dated 26/02/2024 and the work is under progress and will be completed in the month of May 2024.
10	Mandi	58801.21	300	17.64	9.70	9.7	-	Pit Composting: 10.02 TPD	7.06	7.06	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.88	0.88	-	Back filling in retaining walls and levelling of Katcha path etc.	17.64	-	-
11	Nerchowk	11088.96	300	3.33	1.83	1.83	-	OWC: 2 TPD	1.33	1.33	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.17	0.17	-	Back filling in retaining walls and levelling of Katcha path etc.	3.33	-	-
12	Revalsar	4367.85	300	1.31	0.72	0.72	-	Drum Composting: 0.8TPD	0.52	0.52	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.07	0.07	-	Back filling in retaining walls and levelling of Katcha path etc.	1.31	-	-
13	Sektaghat	7249.17	300	2.17	1.20	1.2	-	Pit Composting: 1.5 TPD	0.87	0.87	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.11	0.11	-	Back filling in retaining walls and levelling of Katcha path etc.	2.17	-	-
14	Sunamnagar	31690.91	300	9.51	5.23	5.23	-	OWC: 6 TPD	3.80	3.8	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.48	0.48	-	Back filling in retaining walls and levelling of Katcha path etc.	9.51	-	-
15	Arki	3952.91	300	1.19	0.65	0.65	-	OWC: 5 TPD & Pit Composting	0.47	0.47	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.06	0.06	-	Used for land filling and sent with RDF	1.19	-	NA
16	Baddi	44338.39	300	13.30	7.32	7.32	-	Waste is being processed at M/s JBR Waste to Compost plant located at Village Kanulwal, Baddi.	5.32	5.32	-	Waste is being processed by M/s JBR located at Vill. Kanulwal, Baddi.	0.67	0.67	-	Used for land filling work	13.30	-	Waste is being processed at M/s JBR Environment SWM plant under chiller approach.
17	Nalagurh	18924.91	300	5.68	3.12	3.12	-	Waste is being processed at M/s JBR Waste to Compost plant located at Village Kanulwal, Baddi.	2.27	2.27	-	Waste is being processed by M/s JBR located at Vill. Kanulwal, Baddi.	0.28	0.28	-	Used for land filling work	5.68	-	Waste is being processed at M/s JBR Environment SWM plant under chiller approach.
18	Parvaneo	16388.03	300	4.92	2.70	2.70	-	Waste is being processed at M/s JBR Waste to Compost plant located at Village Kanulwal, Baddi.	1.97	1.97	-	Waste is being processed by M/s JBR located at Vill. Kanulwal, Baddi.	0.25	0.25	-	Used for land filling work	4.92	-	Waste is being processed at M/s JBR Environment SWM plant under chiller approach.
19	Solan	75000.00	300	22.50	12.38	12.38	-	Waste processing work has been outsourced to M/s Sunan life. Currently, Wet waste is being processed at Contractor's Bio-Methanation plant located at Jaisar, Ambala.	9.00	9.00	-	MRF Facility available. (Contractor's facility at Ambala)	1.13	1.13	-	Used for land filling and sent with RDF	22.50	-	Waste processing work outsourced to M/s Sunan Life and the data is actual. Wet waste generation as provided by MC Solan.
20	Kanlaghat	2598.00	300	0.78	0.43	0.43	-	Currently waste being sent to MC Shimla Waste processing plant.	0.31	0.31	-	Currently waste being sent to MC Shimla Waste processing plant.	0.04	0.04	-	NA	0.78	-	Cur emly waste being sent to MC Shimla Waste processing plant.

S.No	Name of ULB	Population in 2024	Waste generated/cu plus/day in gram	Total waste gen. (TPD)	Wet waste processed (TPD)	Wet waste d (TPD)	Method of processing	Dry waste	Dry waste processed (TPD)	Gap	Method of processing	Inerts	Inerts/ rejects Processed (TPD)	Gap	Method of Processing	Total quantity of waste processed (TPD)	Gap in processing (TPD)	Remarks
21	Nahan	40726.90	300	12.22	6.72	4.89	OWC: 0.37 TPD Pit Composting: 0.71 TPD (Rogas : 3.64 TPD being outsourced to be processed M/s Sharda UG in its Bioremediation Plant. Pit Composting: 1.3 TPD Gussulan : 0.25 TPD	4.89	4.89	-	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.61	0.61	-	used as fillers in Extrusion Process	12.22	-	the waste is processed by an associated firm(M/s Santan life) using Bioremediation & Extrusion Methodology.
22	Poonta Sahib	37745.45	300	11.32	6.23	4.53	OWC: 0.37 TPD Pit Composting: 1.3 TPD Gussulan : 0.25 TPD	4.53	4.53	-	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.57	0.57	-	used as filling on walls and paths	11.33	-	-
23	Rajpanti	4008.82	300	1.20	0.66	0.48	Gussulan : 0.66 TPD	0.48	0.48	-	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.06	0.06	-	used as filling on walls and paths	1.20	-	-
24	Banjari	1838.62	300	0.55	0.30	0.22	NA	0.22	0.22	-	Temporary MBF available and Dry waste is being sent to Rangri plant Manali for end disposal.	0.03	0.03	-	Used for filling	0.25	0.30	Currently NP Banjar does not have SWM facility for the processing of municipal waste. The wet waste is not being processed because the composting pits are completely broken due to heavy rain and land slide in last year and Dry waste is being sent to Rangri plant Manali 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. NP Banjar has also identified another sites at Chet and Bhoat Mod at Chetani Panchayat.
25	Bhanter	5818.84	300	1.75	0.96	0.70	Pit Composting : 1 TPD	0.70	0.70	-	Temporary MBF available. And Currently Dry waste is being sent to WTE plant Rangri, Manali for end disposal.	0.09	0.09	-	Used for filling etc.	1.75	0.00	Currently NP Bhanter does not have its own SWM facility and Dry waste is being sent to Rangri plant, Manali. A SWM land has been jointly identified by NP Bhanter and MC Kullu but NOC is pending from Bhanter Gram Panchayat.
26	Kullu	26102.36	300	7.83	4.31	3.13	OWC: 1 TPD Pit Composting : 0.50 TPD Others (Specify) : Approx. 0.81 TPD is taken by milk suppliers who come from neighbouring villages in daily basis.	3.13	3.13	-	MBF Facility available and Dry waste is being sent to SWM plant Rangri, Manali for end disposal.	0.39	0.39	-	Used for filling etc.	7.83	0.00	MC Kullu has setup machinery at MRF site and new land has been jointly identified by and MC Kullu and NP Bhanter at Bhanter Gram Panchayat.
27	Manali	16027.23	300	4.81	2.64	1.92		1.92	1.92	-	MBF Facility: 30 TPD	0.24	0.24	-	Used for filling	2.16	2.64	MC Manali facing issues to process wet waste because of inadequate space. Pits has been made for wet waste but due to weather condition the wet waste could not be processed. In the space left after processing the legacy waste, MC Manali will install OWC machine for processing of wet waste.
28	Nimand	2041	300	0.61	0.34	0.24	Pit Composting : 01 no. temporary pit.	0.24	0.11	0.13	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.03	0.03	-	Used for filling	0.34	0.27	At present there is no land available for setting up SWM plant. A new land 3 Bigla Forest Land has been identified in Chitlana at Golej Panchayat for which Chitlana at Golej 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 certificate for setting up of Solid Waste Management Plant in favour of Himachal Pradesh Urban Development Deptt. (Nagar Panchayat Nimand), has also been received from the worthy Deputy Commissioner Kullu, but the Departmental Authorisation Letter from the worthy Director, UD is still awaited. After that the Nagar Panchayat Nimand will be able to process further for FCA.
29	Bhosa	1889.34	300	0.57	0.31	0.23	OWC: 0.31 TPD	0.23	0.23	-	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.03	0.03	-	Used as filling of retaining walls.	0.57	-	-
30	Hanipur	22890.48	300	6.87	3.78	2.75	OWC: 3 TPD Pit Composting : 0.78 TPD	2.75	2.75	-	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.34	0.34	-	Used as filling of retaining walls.	6.87	-	-
31	Nelaur	6020.39	300	1.81	0.99	0.72	OWC: 0.99 TPD	0.72	0.72	-	MBF available & RDF/SCF is being sent to Cement plants for co-processing.	0.09	0.09	-	Used as filling of retaining walls.	1.81	-	-

S.No	Name of ULB	Population in 2024	Waste generated/capita/day in gms	Total waste gen. (TPD)	Wet waste processed (TPD)	Wet waste processed (TPD)	Gap	Method of processing	Dry waste processed (TPD)	Dry waste processed (TPD)	Gap	Method of processing	Inerts/ rejects processed (TPD)	Gap	Method of Processing	Total quantity of waste processed (TPD)	Gap in processing (TPD)	Remarks
32	Solapur	10328	300	310	1.70	1.70	-	PH Composting : 1.70 TPD	1.24	1.24	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.15	0.15	Used for filling of hill slopes.	3.10	-	-
33	Dhule	626224	300	1.88	1.03	1.03	-	PH Composting : 1.03 TPD	0.75	0.75	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.09	0.09	Used as filling of retaining walls.	1.88	-	-
34	Javalmukhi	697091	300	2.09	1.15	1.15	-	OWC: 1.15 TPD	0.84	0.84	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.10	0.10	Used as filling of retaining walls.	2.09	-	-
35	Bajinath	2558833	300	7.68	4.22	4.22	-	PH Composting : 3 TPD Drum Composting : 1 TPD Biogas : 0.5 TPD Gaussulan : 0.72 TPD	3.07	3.07	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.38	0.38	Filling in retaining walls and is being used on footpaths	7.68	-	-
36	Dharamchala	715547	300	21.41	11.77	11.77	0	OWC: 0.03 TPD PH Composting : 2 TPD Drum Composting : 0 TPD Biogas : 5 TPD Gaussulan : 0 TPD Piggery : 2.5 TPD Others (Specify) : 2.24	8.56	8.56	0	RDF to Cement Ind.: RDF sent to cement plant Ino. Material Recovery Facility (MRF) in ward no. 13 has been established with the help of Waste Warriors (NGO) with a capacity of processing upto 2 Ton of Dry waste per day. And 1 no. MRF is at SWM site at ward No. 6 with a capacity of 3 TPD. MC Dharamchala has been Registered 23 Nos. magister and 9 Nos. scrap Dealer 3.56 ton dry waste sale by Garbage collector to scrap dealer.	1.07	1.07	Filling in retaining walls and is being used on footpaths	21.41	-	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. MRF has been also constructed for processing of dry waste. Shredder and Incinerator has been purchased. Electricity connection has also been taken.
37	Jawali	1154680	300	3.46	1.91	1.91	-	PH Composting : 1.91 TPD Others (Specify) : Meat of the households use wet waste for their animals.	1.39	1.39	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.17	0.17	Filling in retaining walls and is being used on footpaths	3.46	-	-
38	Kangra	1738926	300	5.22	2.87	2.87	-	OWC: 1 TPD Gaussulan : 1.6 TPD Piggery : 0.62 TPD	2.09	2.09	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.26	0.26	Filling in retaining walls and is being used on footpaths	5.22	-	-
39	Nagroa Bagwan	1067177	300	3.20	1.76	1.76	-	OWC: 1 TPD Others (Specify) : 0.76 wet waste is used by households to their animals.	1.28	1.28	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.16	0.16	Filling in retaining walls and is being used on footpaths	3.20	-	1 OWC Machine for wet waste processing and 1 No. Shredder machine and 1 no. Incinerator available for dry waste processing.
40	Nurpur	1475204	300	4.43	2.43	2.43	1.00	Others (Specify) : 1.43 wet waste is used by households to their animals.	1.77	1.05	0.72	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.22	0.22	Filling in retaining walls and is being used on footpaths	2.71	1.72	Own Land available. Temporary MRF facility available. Tender for C/o MRF development has been started and work in progress. Shredder machine purchased and is in working position.
41	Palampur	4960696	300	14.88	8.19	8.19	-	OWC: 5.1 TPD PH Composting : 2 TPD Gaussulan : 1.18 TPD	5.95	5.96	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.74	0.74	Filling in retaining walls and is being used on footpaths	14.88	-	12 nos of composting pits and OWC machine available for wet waste. MRF facility available for dry waste and 1 ton/hour shredder machine available for dry waste processing.
42	Shahpur	449100	300	1.35	0.74	0.74	-	Waste sent to SWM Plant Kangra	0.54	0.54	-	Waste sent to SWM Plant Kangra	0.07	0.07	Filling in retaining walls and is being used on footpaths	1.35	-	SWM Land transfer case under process and currently waste sent SWM Plant Kangra.
43	Daulapur	489303	300	1.47	0.81	0.7	0.11	PH Composting : 0.7 TPD	0.59	0.59	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.07	0.07	Filling in retaining walls and is being used on footpaths	1.36	0.10	-
44	Gogret	600616	300	1.80	0.99	0.8	0.19	Gaussulan : 0.8 TPD	0.72	0.72	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.09	0.09	Filling in retaining walls and is being used on footpaths	1.61	0.19	-
45	Mehapur	1298617	300	3.90	2.14	2.14	-	OWC: 2 TPD PH Composting : 0.14 TPD	1.56	1.56	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.19	0.19	Filling in retaining walls and is being used on footpaths	3.89	0.00	-
46	Una	2634422	300	7.90	4.35	4	0.35	PH Composting : 2 TPD	3.16	3.16	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.40	0.40	Filling in retaining walls and is being used on footpaths	7.56	0.35	-
47	Sankeshwar	1317471	300	3.95	2.17	2	0.17	PH Composting : 2 TPD	1.58	1.58	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.20	0.20	Filling in retaining walls and is being used on footpaths	3.78	0.17	-
48	Tahltwal	565357	300	1.69	0.93	0.73	0.20	0.73 TPD Temporary PH composting facility.	0.68	0.48	0.20	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.08	0.08	Filling in retaining walls and is being used on footpaths	1.29	0.40	-

S.No	Name of ULB	Population in 2024	Waste generated/ha daily in gm	Total waste generated (TPD)	Wet waste processed (TPD)	Wet waste processed (TPD)	Cap	Method of processing	Dry waste processed (TPD)	Dry waste processed (TPD)	Gap	Method of processing	Inerts Processed (TPD)	Inerts/ rejects Processed (TPD)	Gap	Method of Processing	Total quantity of waste processed (TPD)	Gap in processing (TPD)	Remarks
49	Amb	7234.00	300	2.17	1.19	1.19	-	1.19 TPD Temporary PH composting facility. OWC: 1.0 TPD Drum Composting: 1.0 TPD Biogas: 1.0 TPD Gausdhan: 1.0 TPD Others: 1. Waste to Energy - Wet waste with low moisture content is passed through a rotary dryer to reduce moisture content and then mixed with RDF. Finally the waste is loaded in the RDF within the controlled moisture content being accepted at the Cement plants. 2. About 5-6 TPD is collected at the Sugal Mandi by informal persons for feeding their cattle etc. in the nearby areas. 3. Further, 15 TPD biogas plant for wet waste is being established.	0.67	0.87	0.20	MRF available & RDF/SCF is being sent to Cement plants for co-processing. MRF Facility: 1.0-1.5 TPD Recycler: 1.5 TPD RDF to Cement Ind.: 35.0 TPD Waste to Energy: 1.0-1.5 TPD	0.11	0.11	-	Filling in retaining walls and is being used in footpaths	1.97	0.20	-
50	Shimla	239436.03	450	107.75	59.26	59.26	-	PH Composting: 0.15 TPD Others (Specify): 0.20 (Collected by the local residents for their cattle etc.) OWC: 0.26 TPD	43.10	43.10	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing. MRF Facility: 1.0-1.5 TPD Recycler: 1.5 TPD RDF to Cement Ind.: 35.0 TPD Waste to Energy: 1.0-1.5 TPD	5.39	5.39	-	Filling in retaining walls and is being used in footpaths	107.75	0.00	-
51	Chopal	240686	300	0.72	0.40	0.40	-	PH Composting: 0.31 TPD Gausdhan: 0.09 TPD	0.29	0.29	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.04	0.04	-	Used in Retaining Walls	0.72	0.00	-
52	Jubbil	2132.49	300	0.64	0.35	0.35	-	PH Composting: 0.15 TPD Others (Specify): 0.20 (Collected by the local residents for their cattle etc.) OWC: 0.26 TPD	0.26	0.26	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.03	0.03	-	Used in Retaining Walls	0.64	0.00	-
53	Kokhari	1547.36	300	0.46	0.26	0.26	-	OWC: 0.26 TPD	0.19	0.19	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.02	0.02	-	Used in Retaining Walls	0.46	0.00	-
54	Narkanda	4171.57	300	1.25	0.69	0.69	-	OWC: 0.15 TPD PH Composting: 0.3 TPD Drum Composting: 0.24 TPD	0.50	0.50	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.06	0.06	-	Used in Retaining Walls	1.25	0.00	-
55	Rampur	13513.47	300	4.05	2.23	2.23	-	Drum Composting: 1.23 TPD Gausdhan: 0.4 TPD Pigery: 0.6 TPD	1.62	1.62	-	Dry waste is being sent. Waste to energy plant Bhawal Shimla TP	0.20	0.20	-	Used in Retaining Walls/Path Construction	4.05	0.00	-
56	Rohnoo	9939.56	300	2.98	1.64	1.64	-	PH Composting: 0.63 TPD Gausdhan: 0.83 TPD Others (Specify): (Collected by the local residents for their cattle etc.) 0.19	1.19	1.19	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.15	0.15	-	Filling in retaining walls and foot paths and leveling of land etc	2.98	0.00	-
57	Sanni	3369.08	300	1.01	0.56	0.56	-	PH Composting: 0.56 TPD	0.40	0.40	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.05	0.05	-	By Using Retaining Walls	1.01	0.00	-
58	Theog	5657.61	300	1.70	0.93	0.93	-	Drum Composting: 0.93 TPD	0.68	0.68	-	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.08	0.08	-	Filling in Retaining walls and is being used in foot paths	1.70	0.00	-
59	Chirgaon	3383.00	300	1.01	0.56	0.56	-	PH Composting: 0.33 TPD Pigery: 0.23 TPD	0.41	0.41	0.06	MRF available & RDF/SCF is being sent to Cement plants for co-processing.	0.05	0.05	-	Filling in Retaining walls and is being used in foot paths	0.96	0.05	-
60	Nerwa	2516.00	300	0.66	0.37	0.37	-	Pigery: 0.15 TPD Others (Specify): 0.22 (Taken away by local residents for cattle feeding)	0.27	0.27	0.07	0.20 has been taken by mg pickers	0.03	0.03	-	Filling in Retaining walls and is being used in foot paths	0.60	0.06	-
Total				375.38	206.46	200.81	5.66		150.14	148.38	1.79		18.77	18.72	0.00		368.18	7.49	

## Legacy Waste Management Report

Sl. No.	ULB	Total estimated quantity	Quantity cleared during 1.09.2023 to 29.02.2024	Balance	Total Fraction Generation	Total Fraction Disposal	Remarks
					(Tons)		
1	Dharamshala	40000.00	24743.33	13766.77	Good Earth Soil : 16705 Inerts : 2386.55 Plastics : 3579.83 C&D : 1193.27	Inerts, Good earth & C&D to be used at site during preparation of SLF.	Work is under progress.
2	Mandi	45000.00	9311.84	19123.38	Good Earth Soil : 6700 Inerts : 2306.62 Plastics : 16870		Approx. 5250 Tonnes Plastic waste was lifted by the JBR Technologies from the legacy waste site and rest i.e. 11620 Tonnes of plastic, inert and good earth soil is lying at site which is not lifted by the concessionaire. Now contract of M/s JBR Technologies was terminated on 31.12.2023 and thereafter tender were invited online and single bid was received in first attempt tenders have been again invited and four bids were received in second attempt and matter has been taken up with State level Screening committee in view of ongoing Model Code of Conduct award of work.
3	Solan	48000.00	12071.64	1096.28	Good Earth Soil : 32832.1 Inerts : 4690.3 Plastics : 7035.45 C&D : 2345.15	<b>Cement Plant/Energy Plant:</b> Approx. 4000 tonnes RDF lifted from site for disposal. Inerts, Good earth and C&D to be used at site during preparation of SLF.	Work is under progress.
4	Kullu	38000.00	6618.00	5338.00	Bio-Soil : 26521.54 Plastic/RDF : 2612.96 C&D : 1273.81 Others( Metal, Papers etc.) : 620.578	<b>Cement Plant:</b> 593 Tonnes <b>Parks :</b> 14400 Tonnes	Work is under progress.
5	Manali	40000.00	11502.00	22148.25	Bio-Soil : 14495.62 Plastic/RDF : 1588.80 C&D : 696.21 Others( Metal, Papers etc.) : 178.51	<b>RDF Dispatched to Power Plant :</b> 476 Tonnes <b>Bio-Soil for filling :</b> 14495.62 Tonnes	Work is under progress.
6	Baddi	40000.00	5582.03	6664.54	RDF: 3300 Good Earth and compost: 23300 Inert and other waste: 6600	RDF sent to cement plants and textile industries. Good earth used for land levelling and gardening. Compost is also being sold. Inert & C&D is used in land filling and land levelling.	Work is under progress.

7	Hamirpur	24458.00	4912.61	16423.85	Good Earth Soil : 3438.4 Inerts : 491.2 Plastics : 736.8 C&D : 245.6	Inerts, Good earth & C&D to be used at site during preparation of SLF.	Previous estimated Quantity = 2100 Tons Previous cleared quantity till 31.08.2023: 3121.54 Total quantity cleared on dated 01.09.2023 to 29.02.2024 = 4912.61 Ton Revised estimated quantity after scientific estimation = 24458 Tons
8	Una	1200.00	8226.56	0.00	Good Earth Soil : 6209.46 Inerts : 887.06 Plastics : 1330.60 C&D : 443.53	Inerts, Good Earth & C&D to be used at site during preparation of SLF	The quantity originally estimated i.e. 1200 Tons has not been scientifically estimated and the actual legacy waste is much higher than the original estimated found after digging at site. (7912.81 Tons Extra Cleared till 29.02.2024)
9	Santokhgarh	2300.00	1316.00	984.00	Good Earth Soil : 2035.94 Inerts : 290.85 Plastics : 436.27 C&D : 145.42	Inerts, Good Earth & C&D to be used at site during preparation of SLF	Work is under progress.
10	Chowari	525.00	72.70	0.00	Soil/ Sand : 420 Plastic : 54 Stone & Misc. : 51	Soil is lying at the site. Plastic is transported to cement plant for scientific disposal.	The quantity originally estimated i.e. 525 Tons has not been scientifically estimated and the actual legacy waste is much higher than the original estimated found after digging at site. The fresh tender to clear all the legacy waste has been floated and matter is being taken up with State level Screening committee in view of ongoing Model Code of Conduct award of work.
<b>Total (A)</b>		<b>279483.00</b>	<b>84356.71</b>	<b>85545.07</b>			