



HP State Pollution Control Board

HIM Parivesh Bhawan, Phase-III, Below BCS, New Shimla-09
Phone No. 0177-2673766, 2673020 FAX-0177-2673018

No. PCB/MSW/Annual Reports/2022-

6924-28

Dated: 31.7.2024

To,

The Chairman,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
DELHI - 110 0032.

Subject: - Annual Reports under Solid Waste Management Rules 2016 for the year 2023-24.

Sir,

This is with reference to the Rule-24 of Solid Waste Management Rules, 2016 w.r.t submission of Annual Reports by State Pollution Control Board to Central Pollution Control Board.

In compliance to SWM Rules, 2016 please find enclosed herewith the compiled Annual Reports under the provision of Solid Waste Management Rules 2016, for the year **2023-24** for your reference & further necessary action please.

Thanking You.

Yours faithfully

Encl: Annual Reports

- Solid Waste Management Rules 2016
(Along with Annexures I, II & III)
- (Form -V, {Part A & B})

**(Anil Joshi, IFS)
Member Secretary
HPSPCB, Shimla-9**



Copy to:

1. The Joint Secretary & Mission Director SBM, Ministry of Housing and Urban Affairs, Nirwan Bhawan, New Delhi.110011.
2. The Pr. Secretary Env. (S&T), to the Govt. of HP for information please.
3. The Pr. Secretary, UD to the Govt. of HP for information please.
4. The Director, UD Talland for information and necessary action please.

Sej
**(Anil Joshi, IFS)
Member Secretary
HPSPCB, Shimla-9
mshppcb@gmail.com**


Form -V
(See rule 24 (3))

**Format of Annual Review 2023-24 Report to be submitted by H.P. State Pollution Control Board
to the Central Pollution Control Board.**

Part A

To

The Chairman,
Central Pollution Control Board,
(Ministry of Environment and Forests)
Government of India,
'PariveshBhawan' East Arjun Nagar,
DELHI – 1100032.

1.	Name of the State/Union territory	Himachal Pradesh
2.	Name & Address of the State Pollution Control Board	H.P. State Pollution Control Board Him Parivesh, Phase-III, New Shimla, Shimla-171009, H.P.
3.	Number of municipal authorities responsible for management of Municipal Solid Wastes in the State /Union territory under these Rules	A. Municipal Corporation : 05 B. Municipal Council : 29 C. Nagar Panchayat : 27 D. Cantonment Board : 6
4.	Number of authorization application received.	Nil
5.	A Summary Statement on progress made by municipal authorities in respect of solid waste management.	Please see Annexure-I
6.	A Summary Statement on progress made by municipal authority in respect of collection, segregation, transportation, and disposal	Please see Annexure-II
7.	A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule-II	Please see Annexure-III
Date : 31.07.2024 Place: SHIMLA		 Anil Joshi, IFS Member Secretary HP State Pollution Control Board

ANNEXURE – I (2023-24)

A SUMMARY STATEMENT ON PROGRESS: MADE BY MUNICIPAL AUTHORITY IN RESPECT OF IMPLEMENTATION OF SOLID WASTE MANAGEMENT				
S. No.	Name of the Municipal Authority	Setting up of waste processing & disposal facilities	Identification of landfill sites for future use and making sanitary landfill site.	Proposal made to improve Solid Waste Management Practices and comments/re marks of ULB.
1	MC Shimla	Waste processing facilities is operational, and currently RDF section is being operationalized. One (W2E Plant) & one bio methnation plant.	1 number of sanitary landfill sites available. Land available 9.923 Hectare.	Action plan of solid waste has been prepared.
2	MC Rampur Bhushar.	Manually processing at site by sweepers. 1number near Gau sadan ward no.- 4	1 number of sanitary landfill sites available. Land available 520 sqmtr.	NO Action plan of solid waste has been prepared.
3	M.C Theog	1 number of disposal facilities (Janog Ghat).	No landfill site is available.	NO Action plan of solid waste has been prepared.
4	MC Rohroo	Yes, 1 number of solid waste disposal facility	1 number of sanitary landfill sites available. Land available 918 sqm.	Yes, the waste collection transportation processing work has been outsourced, cameras have being installed in the city and IEC activity are being conducted through different stakeholders.
5	N.P. Narkanda	Yes, Solid waste processing facilities in operation.	No landfill site is available.	NO Action plan of solid waste has been prepared.
6	N.P. Sunni	Yes, Solid waste processing	No landfill site is	NO Action plan of solid waste has been

		facilities in operation.	available.	prepared.
7	N.P. Chopal	Yes, Solid waste processing facilities in operation.	1 number of sanitary landfill sites available. Land available 728 m2	NO Action plan of solid waste has been prepared.
8	N.P. Kotkhai	Yes, Solid waste processing facilities in operation.	Nil sanitary landfill sites available. Land available approx.. 01 Bagha.	Action plan of solid waste has been prepared.
9	N.P. Jubbal	Yes, Solid waste processing facilities in operation.	No landfill site is available.	NO Action plan of solid waste has been prepared.
10	N.P. Chirgaon	-	-	-
11	N.P. Nerwa	-	-	-
12	M.C. Solan	Yes, Solid waste processing facilities and disposal facilities in operation	2 hectare land is available.	Waste collection, transportation and processing work has been outsourced by MC Solan.
13	M.C. Nalagarh	Yes, Solid waste processing facilities and disposal facilities in operation	6.8 hectares sanitary landfill sites available with the local body and 1 hect. Area of site available for waste waste disposal sites.	Action plan of solid waste has been prepared.
14	M.C. Parwanoo	Collection, transportation by MC from 1/12/2023 itself and processing of waste being outsourced to M/s JBR Environmental Technology Baddi since 22/07/2020 under cluster	No landfill site is available..	Yes, D2DGC is done in all 9 wards of MC Parwanoo and city has been declared dustbin free. D2d garbage collection, transportation and processing is outsourced to M/s JBR Environmental Technology, Baddi.

		approach.		
15	M.C. Baddi	Yes, Solid waste processing facilities and disposal facilities in operation.	6.8 hectares sanitary landfill sites available with the local body and 1 hect. Area of site available for waste disposal sites.	Action plan of solid waste has been prepared.
16	NP Arki	Yes, Solid waste processing facilities and disposal facilities in operation.	2 hect. Area of site available for waste disposal sites.	Yes, the waste collection, transportation and processing work has been outsourced.
17	M.C. Nahan	Yes, Solid waste processing facilities. Work of daily waste processing at swm site has been outsourced through private agency (Suntan life) so all the machinery using by agency for disposal of all the collected waste at SWM Plant.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
18	M.C. Paonta	Yes, Solid waste processing facilities and disposal facilities in operation.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.

19	N.P. Rajgarh	Yes, Solid waste processing facilities and disposal facilities are in under construction.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
20	M.C. Bilaspur	There is no waste processing facility and disposal facility.	No sanitary landfill sites available.	D2D collection have been made started in 11 wards and it will be covered all the M.C. area.
21	M.C. Shri. Naina Devi Ji	Pit, Bailing machine, composting pits, MRF.	No sanitary landfill sites available.	D2D collection have been made started in 7 wards and it will be covered all the M.C. area.
22	M.C. Ghumarwin	There is no waste processing facility and disposal facility.	No sanitary landfill sites available.	D2D collection have been made started in 7 wards and it will be covered all the M.C. area.
23	N.P. Talai	Yes, Solid waste processing facilities and disposal facilities are composting & RDF technology.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
24	M.C. Mandi	There is 2 no of Solid waste processing facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
25	M.C. Sundernagar	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
26	M.C. Nerchow k	Yes, Solid waste processing facilities and disposal facilities is 1 no.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.

27	N.P. Sarkaghat	Baling machine is used for baling of plastic and the bailed plastic is sent to ACC Barmana. No composting facility, No OWC installed	Land available 0-26-54 Hectares No sanitary landfill sites available.	Awareness was created among the people through social media, newspaper and wall painting. Difficulties: Lack of fund and infrastructure of transportation vehicles. Lack of scientific waste processing facility.
28	N.P. Jogindernagar	Compost pits, OWC, MRF, Baling machine and incinerator. One number of disposal facility.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
29	N.P. Rewalsar	Drum Composting.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
30	N.P. Karsog	There is no waste processing facility and disposal facility.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
31	M.C. Kullu	Dry waste facility is not available in MC Kullu and 4-5 ton of dry waste is being sent to WTE plant Manali of daily basis. SWM site not available only wet waste is being treated at OWC machine dry waste sent to WTE plant Manali for treatment	No sanitary landfill sites available. Not landfill site but OWC machine installed at ward no 3 at MRF site for treatment of wet waste and kitchen waste.	NO Action plan of solid waste has been prepared.
32	M.C. Manali	There is no waste processing facility and disposal facility.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.

33	N.P. Bhunter	There is no waste processing facility. Nagar Panchayat Bhuntar sent solid waste to energy project Rangri manali operated by M/s Nextgen Chemicals.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
34	N.P. Banjar	Yes, Solid waste processing facilities and disposal facilities is temporary MRF	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
35	N.P. Nirmand	There is no waste processing facility and disposal facility.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
36	M.C. Una	26 Kanal land has been transferred in the name of urban development at village Rampur where construction work is in progress, in which 36 pits have been constructed, OWC machine has been installed and now it is functional, construction of MRF facility is in progress, Room of chowkidar/care taker is under construction.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
37	M.C. Santokhgarh	Yes, Solid waste processing facilities.	1 no. of sanitary landfill sites available.	Yes, D2D collection have been started in 9 wards.
38	N.P. Daulatpur	Yes, Solid waste processing facilities and 1 no. of disposal facility.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
39	NP Amb	Yes, Solid waste processing facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.

40	N.P. Gagret	There is no waste processing facility. 1 no. of solid waste disposal facility	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
41	M.C. Mehatpur	OWC	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
42	N.P. Tahliwal	There is no waste processing facility and disposal facility.	2 no. of sanitary landfill sites available.	Yes, D2d collection has been stated in 7 wards.
43	M.C. Hamirpur.	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
44	M.C. Sujampur	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
45	N.P. Nadaun	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
46	N.P. Bhota	Yes, Solid waste processing facilities and disposal facilities is Bajoor Nallah.	No sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
47	M. Corp. Dharamshala	Yes, Solid waste processing facilities and disposal facilities.	1 no. of sanitary landfill sites available. FCA case under process.	Action plan of solid waste has been prepared.
48	M.C. Kangra	Yes, Solid waste processing facilities and disposal facilities.	1 no. of sanitary landfill sites available.	NO Action plan of solid waste has been prepared.
49	M.C. Palampur	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites is available.	NO Action plan of solid waste has been prepared.

50	M.C. Nurpur	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Yes. 1. Solid waste construction work is in progress. 2. Shredder procured and is in working state. 3. OWC machine installed after construction of the shed. 4. Bailing machine installed and is working state. 5. MC have 6 no. of vehicle for garbage collection and are compartmentized. 6. IEC activities conducted time to time to make people aware about the segregation of garbage and SUP also.
51	M.C. Nagrota Bagwan	OWC machine.	No sanitary landfill sites available.	Action plan of solid waste has been prepared
52	M.C. Dehra	There is no waste processing facility and disposal facility.	No sanitary landfill sites available.	Action plan of solid waste has been prepared
53	M.C. Jawalamukhi	Bailing machine, OWC machine Shredder, composting pits.	No sanitary landfill sites available.	Action plan of solid waste has been prepared
54	N.P. Jawali	Yes, Solid waste processing facilities and disposal facilities.	1 no. of rent basis of sanitary landfill sites available.	Action plan of solid waste has been prepared.
55	NP Shahpur	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
56	N.P. Baijnath - Paprola	Yes, Solid waste processing facilities and disposal facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
57	M.C. Chamba	There is one disposal facility.	No sanitary landfill sites available. Land available 3.5 Bagha.	Action plan of solid waste has been prepared.

58	M.C. Dalhousie	Compost pits, OWC and Bailing machine, Incinerator.	No sanitary landfill sites available. Land available 0.89 hectare.	Action plan of solid waste has been prepared.
59	N.P. Chowari	Compost pits, OWC and Bailing machine.	No sanitary landfill sites available. Land available 0.35 hectare.	Action plan of solid waste has been prepared.
60	Cantonment board Jutogh	Waste processing facilities is operational. 250 kg composting unit is operational for wet garbage.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
61	Cantonment board Kasauli	There is no waste processing facility.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
62	Cantonment board Yol Cantt.	By Pits technology conservancy staff of Cantt Board.	No sanitary landfill sites available.	Action plan of solid waste has been prepared. Difficulty : non-availability of technical staff. Innovative idea: new technology system is to be adopted.
63	Cantonment board Dalhousie	Yes, Solid waste processing facilities.	No sanitary landfill sites available.	MSW Management and handling Rules, 2016 implemented and being followed.
64	Cantonment board Bakloh	Solid waste is being processed in MRF (Material Recovery Facility)	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
65	Cantonment board Subathu	Yes, Solid waste processing facilities	No sanitary landfill sites available.	No, Action plan of solid waste has been prepared.
66	Cantonment board Dagshai	There is no waste processing facility and disposal facility.	One no. of sanitary landfill sites available.	Action plan of solid waste has been prepared.

Note: - The information in the statement is compiled based on the reports filed by Local Bodies

ANNEXURE-II (2023-24)

A SUMMARY STATEMENT ON PROGRESS MADE BY MUNICIPAL AUTHORITY IN RESPECT OF COLLECTION, SEGREGATION, TRANSPORTATION, DISPOSAL

Name of the Municipal Authority	PARAMETERS AS PER SCHEDULE –II					
	Collection	Segregation	Storage	Transportation	Processing	Disposal
MC Shimla	<ul style="list-style-type: none"> No. of Wards 34 Total Population 169578 (2011 census). having area 35.34 Sq Km. The total waste generated varies seasonally 90/tpd and collected 85-90/tpd. Per capita 350g/day. Solid Waste is stored at source in domestic/commercial/institutional bins.<5% (as 100% door to door garbage collection is practiced and this figure is in the densely populated/commercial area like Sabji Mandi and lower Bazaar etc. 80% approx. of premises segregating the waste at source. Door-to-Door collection occurs in all 34 wards and No. of household covered 53000 nos. approx. No. of non-residential premises 3200 approx. Through motorized vehicles 30% and through other devices 70%. Sweeping of streets- Daily. 22 km length of roads, streets, lanes, bye-lanes in the city that need to be cleaned. 	--Nil--	<ul style="list-style-type: none"> Secondary waste storage facilities:- Masonary bins:- 12 number (wire mesh cages for temporary storage). Upto 1.1 m³ bins = 102 nos. Bin less city. Upto 1.1 mt (litter bins only) and 4.5 Mt for bins placed inside different premises (15). 10 % approx. (litter bins and the provision made at certain organizations in their premises. Frequency of collection of waste from depots: Daily -3, Alternate day-4, 	<ul style="list-style-type: none"> Mechanical lifting of solid waste is 95% Approx (D2D garbage collection is practiced). Manual lifting of solid waste is <5% (at subzi mandi area etc.) Dumper Placers and direct loading into pik-up/ compactors/tippers after collecting garbage door to door. All the pickup/tippers and dumper containers are compartmentalized (Blue and Green). Waste transportation 	<ul style="list-style-type: none"> Solid waste is processed 75-90/ tpd of waste processed daily. Treatment is done through M/s Elephant Energy Pvt. Ltd. Land available for processing of waste 2.45 Hectare. < 2.45 Hectare land currently utilized for waste processing. RFD Section is being operationalized. Composting: - 	<ul style="list-style-type: none"> One (W2E Plant) and one Biomethanation plant. One (1) no. dumpsite sites available with the local body. One sanitary Landfill is available with the local body having 9.923 hectare area. Distance:- which is 12 Km from dumpsite/landfill facility city. 1-1.5 distance from nearest

	<ul style="list-style-type: none"> • Tools used:- Suphli, Khilna, Bailcha, Brooms. • 90-100% Manual sweeping, 10% approx. mechanical sweeping (recently MC Shimla has procured 3 road sweepers). • 100% street sweeping daily by long handled broom and collection tool synchronizes with collection/waste storage containers utilized. 		<p>Twice a week 4, once a week-2 and occasionally-2</p> <ul style="list-style-type: none"> • Compartmentalized bins have been installed wherever required in commercial area no. of green and blue bins (102 letter bins). • Steel Bins -30 (for Covid waste) 	<p>per day is 90 TDP. 56 tipping truck (segregated dry and wet waste truck) and 3 Dumper placer.</p> <ul style="list-style-type: none"> • Frequency to transportation of waste daily is 75%, Alternate day 10%, Twice a week 5-10%, Once a week 5-10%, Occasionally <5%. • 77 to 90/tpd/day transported per day. • 90-95% (some waste picked up by rag pickers before transportation) of total waste transported daily. • Technologies used:- Gasification technology through RDF 	<p>Raw material processed:- 0.5 ton/day (wet waste) Qty final product produced:- Compost 50 kg/day Qty. sold:- used at hotel premises.</p> <ul style="list-style-type: none"> • Bio-Methanation Raw material processed:- 1.0 ton/day (wet waste) Qty final product produced:- Bio-Gas. Qty. sold:- provided to the staff living at the STP plant. Quantity of residual waste landfilled: - nil • RDF in cement plants, 100% (75-90 ton./day at cement plant. Qty. sold:- 	<p>habitation, 1.5 km distance from water body, 2.5 km distance from national highway. 10 km distance from airport. 8 Kms (Tara Devi Temple) from important religious place or historical monuments</p> <ul style="list-style-type: none"> • Total waste landfilled 6-9 TPD.
--	--	--	---	--	--	---

					<p>40tpd approx..</p> <p>Quantity of residual waste landfilled: - 40-45 tpd approx..</p> <p>Landfill-8-10 tpd.</p> <ul style="list-style-type: none"> • Waste to energy technology:- qty of raw material- 100% (75-90 tpd) <p>Final product produced 45 tpd.</p> <p>Sold quantity of residual waste land filled-40-45 tpd.</p> <ul style="list-style-type: none"> • Co-processing:- raw material processed:- 40-45 ton approx. /day at cement plants. • Cumbu 	
--	--	--	--	--	--	--

					<p>stible waste supplied to cement: - RDF 40-45 t/d approx.</p>	
MC Rohroo	<ul style="list-style-type: none"> • Total population 10000. Total ward 7. Household 1750 & non-residential premises 800 approx having area 1.24 Km. • The total waste generated 2.98/tpd and collected 2.98/tpd. • Per capita 300kg/day. • Status waste management services:- Daily basis door to door collection and road/street sweeping. Disposal of wet and dry waste at solid waste management plant. • Door-to-Door collection occurs in all 7 wards and No. of household covered 1750. No. of non-residential premises 800. Through Containerized tricycle/handcart 10% and through other devices 90%. • Seeping of streets:-Daily. • Tools used:- Bram, spades, Rehires, Vehicle etc. • 8.50 length of roads, streets, lanes, bye-lens in the city that need to be cleaned. • 100% street sweeping daily by long handled broom used by 	<ul style="list-style-type: none"> • Solid waste is not stored at source in segregated form. • Solid waste is stored at source in segregated form, 	<ul style="list-style-type: none"> • Bin less city. • MRF facility. • Manual lifting of solid waste is 100%. 	<ul style="list-style-type: none"> • Transportation of waste through 2 no. of tractor and 1 no. of others (compartmentalized vehicle). • Frequency of transport: 100% daily, twice week:- Twice as per required and once week:- daily basis. • Quantity of waste transported each days is 2.98 tpd and 100% waste transported. • Treatment Technology:- MRF for dry waste and wet waste sent to gausadan, 	<ul style="list-style-type: none"> • Solid waste processed 2.98/tpd. • Solid waste processed daily, quantity of waste processed daily is 2.98 tdp. • Treatment is done by local body. • 918 sqm hactares total land is available with the local body for waste processing. • Temporary land is currently utilized for waste processing. 	<ul style="list-style-type: none"> • Solid waste disposed at dumpsite/landfill is 0.1 tdp. • 2% of household dispose throw solid waste on the streets. • 3% of non-residential premises dispose throw solid waste on the streets. • 1 number of temporary dumpsite sites available with the local body. • 1 no. of sanitary landfill

	<p>sanitation workers and collection tool synchronizes with collection/waste storage containers utilized.</p>			<p>composting pits.</p> <ul style="list-style-type: none"> • Refuse derived fuel:- 32 ton. 		<p>sites available with the local body.</p> <ul style="list-style-type: none"> • 918 sqm area available for waste disposal sites. • Distance of dumpsite/landfill facility from city/town: - 500 mtr. • 200 mtr distance from nearest habitation, 60 mtr distance from water body, 300 mtrs distance from national highway. 13 Kms from important religious place or historical
--	---	--	--	---	--	--

						<p>monuments, falls in flood prone area</p> <ul style="list-style-type: none"> Total waste landfilled .35 TPD Bulldozers, compacters equipment' s are used in landfill.
MC Rampur Bushahr	<ul style="list-style-type: none"> Total population 9239 as per census of 2011. Area in Sq. Km. 4.44Sq km. Number of house hold in the city 3281 approx. and number of non-residential premises in the city 1343 approx. Quantity of solid waste generated 3.70 tpd. Quantity collected per day 3.75/ tpd, Per capital waste collected per day 350 gms/day. Door-to-Door collection occurs in all 9 wards and No. of household covered 3281 nos. approx. No. of non-residential premises 1343. Through motorized vehicles 50% 10% other device. Primary collection adopted manually. Sweeping of street on daily basis and 16.50 km of length of roads, street, lanes in the city. 100% Manual sweeping, 100% street sweeping daily by long handled broom used by 	<ul style="list-style-type: none"> Solid waste is not stored at source in segregated form. Solid waste is stored at source in domestic/ commercial/institutional bins. 60% premises segregating the waste at source. 	<ul style="list-style-type: none"> Percentage of households practice storage of waste at source in domestic bins is 100%. 90% of non-residential premises practice storage of waste at source in commercial/institutional bins. Bin-less city. Waste is being collect door to door and transported to the site by mechanical transportation. Front-end loaders/ Top loaders Hydraulic 	<ul style="list-style-type: none"> Waste is being collect D2D and transported to the site by mechanical transport. 3.70 tpd is waste transportation per day. Waste transported through by 2 no. small tipper and 1 no. dumper placer. 1 no. Pickup. Transportation of waste 100% daily. 100% of total waste transported daily. Technology:- composting and bailing. 	<ul style="list-style-type: none"> Quantity of solid waste processed is :- 3.70 tpd. Processing treatment is done by local body. Land available with the local body for waste processing (in hect.): - 520 sqmtr Land available for processing of waste:- Land used for MRF site. Manual processing 	<ul style="list-style-type: none"> Quantity of solid waste disposed at dumpsite 2.00 tpd. 10% of household dispose throw solid waste on the streets. 10% of non-residential premises dispose throw solid waste on the streets. Solid Waste disposal facilities:- 1 no. near Gau sadan ward no.-4. 1 no. of sanitary

	<p>sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste and collection tool synchronizes with collection/waste storage containers utilized.</p>		<p>dumper placer used for lifting & disposal of waste.</p>		<p>at site by sweepers.</p> <ul style="list-style-type: none"> Distance of processing facilities are 4.00 k/mt city/town boundary (MRF and pits are 4 kilometer far from town. Approx.4 ton per trip sent to bharyal Shimla plant. 	<p>landfill sites available with the local body</p> <ul style="list-style-type: none"> Area for waste disposal is 520 sqmtr Distance:- which is 5 Km from city/town. .500 kms distance from nearest habitation, .062 km distance from water body, 10km (hellypad) distance from airport. Quantity of waste land filled/MRF each day is 3.70 tpd. No weigh bridge facility is available.
M.C Theog	<ul style="list-style-type: none"> Population 4351 Area in sq. kilometers 4 square km. Number of 	<ul style="list-style-type: none"> Solid waste is not stored at source in 	<ul style="list-style-type: none"> Solid waste is stored at 	<ul style="list-style-type: none"> Waste transported 	<ul style="list-style-type: none"> Quantity of solid waste 	<ul style="list-style-type: none"> 2% of households

	<p>households in the city/town 2484. Number of wards 7.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area 1.2 tons per day. • Quantity of solid waste collected 1.2 per day /tpd. • Per capita waste collected per year 300 gm/ per day. • Door to Door Collection of solid waste in 7 wards. No. Of households covered 2484. Through motorized vehicles 15%, containerized tricycle/handcraft 20% and through other devices 65%. • 100% Manual sweeping, • 100% street sweeping once a day. • 7Km length of roads, streets, lanes in the city that need to be cleaned. • Tools used i.e. Brooms, Gloves, Mask, Shoes. 100% manual sweeping. Long handle broom used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. 	<p>segregated form.</p> <ul style="list-style-type: none"> • 95% of premises segregating the waste at source 	<p>(domestic bins) source in domestic/ commercial/ins titutional bins.</p> <ul style="list-style-type: none"> • Percentage of households practice storage of waste at source in domestic bins is 100%. • 100% of non-residential premises practice storage of waste at source in commercial/inst itutional bins. • 8 nos. of covered metals/ plastic containers • Bin less city. • Frequency of collection of waste from depots: Daily. • 7 No. of green bins (2484). • 7 no. of blue bins (2484). • 100% manual lifting of solid waste from storage depots 	<p>through 2 tippers.</p> <ul style="list-style-type: none"> • 1.2/tpd is waste transportation per day. • 100% of total waste transported daily. • Composting, shredding treatment technology used. 	<p>processed 1.2 tons per day.</p> <ul style="list-style-type: none"> • Treatment is done through contractor. • Composting:- Raw material processed:- 1500 kg/day Qty final product produced:- 50kg/month Qty. sold:- 1000 kg. • Waste to Energy technology:- Raw material processed:- 200 kg Qty. final product produced:- 200 kg • 3ton/trip. 	<p>dispose or throw solid waste on the streets.</p> <ul style="list-style-type: none"> • 5% of non-residential premises dispose of throw solid waste on the streets. • Solid waste disposed facilities:- 1Janog-Ghat.
NP	<ul style="list-style-type: none"> • Population 901 Area in sq. 	<ul style="list-style-type: none"> • Solid waste is 	<ul style="list-style-type: none"> • Percentage of 	<ul style="list-style-type: none"> • Waste 	<ul style="list-style-type: none"> • Solid waste 	<p>--Nil--</p>

<p>Narkanda</p>	<p>kilometers 1.04 Number of households in the city/town, Number of households in the city/town 239. Number of wards 7.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area .3/tpd. • Quantity of solid waste collected .3/tpd.. Per capita waste collected 250/gm/day. • Door-to-Door Collection of solid waste in 7 wards. • Percentage of residential and non-residential premises covered in door to door collection through : Motorized vehicle-60% and through other devices-40%. • Sweeping of streets on daily basis. • Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 1.5 km. • Manual sweeping: 100% • Frequency of street sweepings and percentage of population covered daily 60% and alternate days 40%. • Long handle broom used by sanitation workers, each sanitation worker. 	<p>stored in a segregated form.</p> <ul style="list-style-type: none"> • 60% approx. .of premises segregating the waste at source. • Lifting of solid waste from storage depots in manual lifting is 10% and mechanical lifting is 90% (hydraulic pickup). 	<p>households practice storage of waste at source in domestic bins is 100%.</p> <ul style="list-style-type: none"> • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. 	<p>transportation per day – 4 no. hydraulic pickup.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste is daily. • .3/tpd is waste transportation per day. • 100% of total waste transported daily. • Treatment technology:- Wet waste is being treated by OWC machine, dry waste is being shredded & sent to cement treatment plant. 	<p>processed daily.</p> <ul style="list-style-type: none"> • .3/tpd of waste processed daily. • Treatment is done by ULB itself. • .5 km distance of processing facilities from city/town boundary. • 00-18 land available with the local body for waste processing. • Composting .2 tpd raw material processed, 0.035 final product produced. • Co-processing:- qty of raw material processed:- 0.2 tpd • 0.1 tpd Combustible waste 	
-----------------	--	--	--	--	---	--

					supplied to cement plant.	
N.P sunni	<ul style="list-style-type: none"> • Population 2591 with the area in 1.76sq.meter. • Number of households in the city/town, 1500 Nos. of non-residential premises in the city and 7 wards. • Quantity of solid waste generated in the local body area 0.9 tpd. • Quantity of solid waste collected 0.9 per day /tpd. • Per capita waste collected 300/gm/ day/. • Door-to-Door Collection of solid waste in 7 wards and 1500 household are covered and 379 no. non-residential premises. • Percentage of residential and non-residential premises covered in door to door collection through : Motorized vehicle-50%, and through other devices-50%. • Sweeping of streets once a day. • Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 4.5 km. • Long handle broom used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. 	<ul style="list-style-type: none"> • Manual lifting of Solid Waste is 100%. 	<ul style="list-style-type: none"> • Waste Transportation Non-tipping Truck :- 01 tippers and tipping Truck :- 01 pick up. • Percentage of total waste transportation is 100% daily • Quantity of waste transported each day 0.9/ tpd. 	<ul style="list-style-type: none"> • Quantity of solid waste processed 0.9/tpd. • Treatment is done by ULB. • 2 bigha land is available with the local body for waste processing. • Composting: - raw material processed- 0.6tpd. • 0.5 km distance of processing facilities from city/town boundary. • Combustible waste supplied to cement plant- 0.3 tpd 	<ul style="list-style-type: none"> • 01 no. of dumpsites available with the local body. • Quantity of solid waste disposed at dumpsite/landfill. • Distance from water body is 0.01 kms and 0.5 kms distance from national highway.

NP Chopal	<ul style="list-style-type: none"> • Population 1851 with the area of 4.00 sqm km. • 1162 Number of households in the city/town. 432 Nos. of non-residential premises in the city election/administrative wards in the city 7 no. • Quantity of Solid waste generated 0.72 tone/day. • Quantity of solid waste collected 0.72 per day /tpd. • Per capita waste collection is 280/gm/day. • Door-to-Door collection occurs in all 7 wards and No. of household covered 1162 nos. No. of non-residential premises 432. • Percentage of residential and non-residential premises covered in door to door collection through : Motorized vehicle-30% and through other devices-70% (separate bags used for dry and wet bags). • Sweeping of streets. • Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 22 km. • 100% of population covered in street sweepings in alternate days. • Manual sweeping is 100% (tool-long handle Broom used by sanitation workers, each worker is given handcart/tricycle for collection of waste and the 	<ul style="list-style-type: none"> • Solid waste is stored at source in a segregated form. 	<ul style="list-style-type: none"> • Lifting of solid waste from storage depots is 100% manual. 	<ul style="list-style-type: none"> • Waste Transportation-through 1 trip/day (1 pickup). • 100% frequency of Transportation of waste on daily basis is daily. • Quantity of waste transported each day 0.72 tpd. • Treatment is done through composting pits • Treatment is done by local body itself 	<ul style="list-style-type: none"> • 0.72/tpd solid waste processed. • 1 bigha land is identified for setting up of SWM facility but FCA case is under process with GOI. • Solid waste processing facilities is under construction. • Distance of processing facilities from city/town boundary is 2 km. 	<ul style="list-style-type: none"> • 01 no. of dumpsite available with the local body. • 01 no. of sanitary landfill sites available with the local body • Distance from dumpsite/ landfill facility from city 1km away. • 728 m2 area of each such sites available for waste disposal. Distance from water body 2 kms. • 500mtr distance from national highway.
-----------	--	---	--	--	--	---

	collection tool synchronizes with collection/waste storage containers utilized.					
NP Chirgaon	<ul style="list-style-type: none"> Population 3383 with the area of 6.98sqm km. 1150 Number of households in the city/town and wards in the city 7 no. Quantity of Solid waste generated 1.01 tone/day. Quantity of solid waste collected 1.01/tpd. Per capita waste collection is 300/gm/day. Status of solid waste management:- Daily basis d2d collection and road/street sweeping disposal of wet and dry waste at temporary SWM plant. Door-to-Door collection occurs in all 7 wards and No. of household covered 1150 and 550 no. of non-residential premises including commercial establishment. Sweeping of streets. Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 2 km. 100% of population covered in street sweepings daily (tool-long handle Broom used by sanitation workers, each worker is given handcart/tricycle for collection of waste. 	<ul style="list-style-type: none"> Solid waste is not stored at source in a segregated form. 100% of premises segregating the waste at source. 	<ul style="list-style-type: none"> Lifting of solid waste from storage depots in manual lifting 100%. 	<ul style="list-style-type: none"> Quantity of waste transported each day 1.01/tpd. 100% of total waste transported daily. Treatment is done by contractor 	<ul style="list-style-type: none"> Quantity of solid waste processed 1.01/tpd. 	--Nil--.
NP Kotkhai	<ul style="list-style-type: none"> Population 1190 with the area of 1.5 sq. kilometers. Number of households in 	<ul style="list-style-type: none"> Solid waste is stored in a segregated form. 	<ul style="list-style-type: none"> Percentage of households practice storage 	<ul style="list-style-type: none"> 0.5 tpd waste transported each day. 	<ul style="list-style-type: none"> 0.5 tpd waste processed 	<ul style="list-style-type: none"> Quantity of solid waste disposed at

	<p>the city/town, 713 (including commercial establishment). Number of election/administrative wards in the city in 7.</p> <ul style="list-style-type: none"> Quantity of Solid waste generated 0.5 tpd. Quantity of solid waste collected 0.5 tpd. Per capita waste collected 200 gm/day. Nagar panchayat Kotkhai are segregated waste in biodegradable & non-biodegradable forms. Non biodegradable waste are being stored at MRF site & bio degradable is treated by organic waste convertor machine. Stored plastic and other RDF material are send to cement plant darlaghat & MC Shimla Bhariyal plant. Door to Door Collection of solid waste in 7 wards. Residential and non-residential premises covered in d2d collection through: Motorized vehicle-20%, containerized tricycle/handcart-30%, other device-50% (manually). Sweeping of streets once a day. Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 1.8 km. 100% of population covered in street sweepings daily. Tools used- Shovel, Brooms etc. Manual sweeping 100% long handle broom 	<ul style="list-style-type: none"> 100% of segregation and storage waste at source. 	<p>of waste at source in domestic bins is 100%.</p> <ul style="list-style-type: none"> 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. Above 5 m³ containers. 	<ul style="list-style-type: none"> Transportation through one pickup. 100% total waste transported daily Organic waste convertor treatment technologies used. 	<p>daily.</p>	<p>disposal site is approx. 5 to 10 kg per day.</p> <ul style="list-style-type: none"> 01 No. of dumpsites available with the local body and 1 bigha area of such site available for waste disposal sites Distance from city 1.5 km. Distance from habitation 500 mtr. Along the side of national highway, from important religious place or historical monuments Quantity of waste landfill 5 to 10 kg each day.
--	---	--	---	--	---------------	--

	used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, the collection tool synchronizes with collection/ waste Storage containers utilized.					
N.P Jubbal	<ul style="list-style-type: none"> • Population 1640 with area in sq. kilometers 0.96 Km² • Number of households in the city/town, 540. • Quantity of solid waste generated in the local body area 0.45 tpd. • Quantity of solid waste collected 0.432 /tpd. • Door to Door Collection of solid waste in 7 wards. 540 No. of households covered 262 No. of non-residential premises including hotels, restaurants educational institutions etc. • Sweeping of streets on daily basis. • 100% of population covered in street sweepings daily. • Tools used- Brooms, mask, shoes, gloves, spade etc. • Manual sweeping 100% • long handle broom used by sanitation workers, 	<ul style="list-style-type: none"> • 70% of premises segregating the waste at source. • Solid waste is stored at (domestic bins) source in domestic/ commercial/institutional bins. 	<ul style="list-style-type: none"> • Percentage of households practice storage of waste at source in domestic bins is 100%. • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. • Frequency of collection of waste from the depots are daily (bin 1) and alternate days (bin 5) • Storage depots have facility for storage of segregated waste in green 1 and in blue 1. • Lifting of solid waste from storage depots 	<ul style="list-style-type: none"> • Solid waste is lifted from d2d and transported to treatment plant directly in a segregated form is 70% • Quantity of waste transported each day 0.432 tpd. • 100% of total waste transported daily. 	<ul style="list-style-type: none"> • Quantity of waste processed 0.432 tpd. • Treatment is done by ULB itself. • Distance of processing facilities within the city 	<ul style="list-style-type: none"> • 3% of households dispose or throw solid waste on the streets. • 1% of non-residential premises dispose of throw solid waste on the streets.

			is manual 100%.			
NP Nerwa	<ul style="list-style-type: none"> Population 2216 with area in sq. kilometers 0.94 Km² Number of households in the city/town, 589 with the number of election/administrative wards is 7. Quantity of solid waste generated in the local body area 0.64 MT. Quantity of solid waste collected 0.64 /tpd. Per capita waste collected per year is 300/gm/day Door to Door Collection of solid waste in 7 wards. 589 No. of households covered & 500 No. of non-residential premises including hotels, restaurants educational institutions etc. Manual method for primary collection adopted. Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 2 km. long handle broom used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste. 	<ul style="list-style-type: none"> Solid waste is stored at source in segregated form. 45% of premises segregating the waste at source. 	<ul style="list-style-type: none"> Lifting of solid waste from storage depots is manual 100%. 	--Nil--	<ul style="list-style-type: none"> Quantity of solid waste processed is 0.57/tpd. 	<ul style="list-style-type: none"> Area of such site available for waste disposal sites:- 4 bigha (identified) Distance of dumpsite/land fill facility from city/town is 3 km. Distance from water body:- No water body near the site. There is no highway, no airport near the site. Distance from important religious place or historical monuments is 2.5 km.
M.Corp. Solan	<ul style="list-style-type: none"> Population 47418 as per census 2011 (20000 additional floating population) with the area of 11.62 Sq. km. Number of households in the city/town 15000. 	<ul style="list-style-type: none"> Solid waste is stored at source in a segregated form. 60% of premises segregating the waste at source. 	<ul style="list-style-type: none"> 60% of household practice storage of waste at source in domestic bins 	<ul style="list-style-type: none"> Waste is sent to salogra site and from there taken by outsourced agency for 	<ul style="list-style-type: none"> Quantity of solid waste processed 23-25 tpd. Treatment done 	<ul style="list-style-type: none"> 1 no of Solid waste dumpsite is available with the local body.

	<ul style="list-style-type: none"> • No of non-residential 2510 Number of election/administrative wards in the city in 17. • Quantity of solid waste generated in the local body area 23-25 tpd. • Quantity of solid waste collected 23-25 tpd. • Per capita waste collected 350/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 17 wards, 15000 approx households covered and 2510 no. approx. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 30% motorized and 70% other device (manual). • Sweeping of streets twice in commercial and once in residential areas. • 35-40 kms Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned. • Frequency of street sweepings and percentage of population covered daily is 60%, an alternate day is 30% and twice a week is 10%. • Tools used:- Shovel, Brooms, kangi, sword, bags etc. • 100% manual sweeping by long handled broom and collection tool synchronizes with collection/waste storage containers utilized. 		<ul style="list-style-type: none"> • 60% of non-residential premises practice storage of waste at source in commercial /institutional bins. • Secondary waste storage facilities, 40 no. of upto 1.1 m3 bins and Bin less city. • 100% Manual lifting of solid waste from storage depots. 	<p>processing.</p> <ul style="list-style-type: none"> • Waste transportation:- 23-25 tons per day 3 no. tipper and 9 no. Mahindra pickup. • Frequency of transportation of waste daily, 100%. • 100% of total waste transported daily. • Treatment technology used:- MRF for dry waste and Bio methanation for wet waste. 	<p>through agency (M/s Suntan life)</p> <ul style="list-style-type: none"> • Land available 2 hectare with the local body. • 1 Hectare land currently utilized for waste processing. • 8 Km distance of processing facilities from city/town. • Technologies adopted:- MRF, mechanical sorter, vibrator and bailing machines are installed and wet waste processed through Bio methanation technology by contractor M/s Suntan 	<ul style="list-style-type: none"> • 2 hectares site available waste disposal sites. • Distance of dumpsite/landfill facility from city/town is 8km, nearest habitation .1 Km. Distance from water body 10 kms. Distance from national highway 0.1km, from airport 45 kms and important religious place 10 Kms
--	---	--	--	---	--	--

					<ul style="list-style-type: none"> life. Bio-methanation :- The waste processing work has been outsourced M/s Suntan life Refuse derived fuel:- Managed by agency M/s Suntan). 	
M.C. Nalagarh	<ul style="list-style-type: none"> Population 10702 as per census 201 (5000 floating population). Area 4.20 sq. km. Number of households in the city/town 2535. Number of non-residential premises in the city:- 1235 Number of election/administrative wards in the city in 9. Quantity of Solid waste generated in the local body area 6-8 MT/tpd Quantity of solid waste collected 6-8 tpd. Per capita waste collected 90/gm/day. Status of Solid waste management service:- Being managed by M/s JBR. 	<ul style="list-style-type: none"> Solid waste is stored at source in a segregated form. 45% (earlier 30%) of premises segregating the waste at source. 	<ul style="list-style-type: none"> 74% (20%) of household practice storage of waste at source in domestic bins. 15% of non-residential premises practice storage of waste at source in commercial/institutional bins. Secondary waste storage facilities. Bin less city. No storage depot exits. Lifting of Solid waste from storage depots is mechanical lifting i.e 100% 	<ul style="list-style-type: none"> Solid waste is lifted from d2d (collected and transported by JBR Technologies to SWM site Kenduwal. Waste transported through Tractor 10 no. (2 trip per day each tractor), 5 small jeeto type vehicle (3-4 trip per day) and 1 no. of dumper placers (20 trip each dumper per 	<ul style="list-style-type: none"> 6-8 mt/tpd of Solid waste processed daily. Treatment is done by out source to M/s JBR Technologies. Land available 6.8 hectare land in cluster mode with BBNDA at Kenduwal with the local body. 1 Hact. Land utilized for waste processing. 	<ul style="list-style-type: none"> Quantity of Solid waste disposed at dumpsite/ landfill:- MC Nalagarh follows zero landfill model. 5 % of households and 0-5% (earlier 10%) of non-residential dispose or throw solid waste on the streets.

	<ul style="list-style-type: none"> • Door to Door Collection of solid waste in 9 wards. No. of households covered 2535 Nos. (1235 last year) of non-residential premises including commercial Establishments, hotels, restaurants, educational institutions/offices etc covered 1235 nos. • D2d collection through:- Motorized vehicle 100% and containerized tricycle/handcraft 100 %. • Frequency of street sweepings and percentage of population Covered on daily basis is 100 %. • 100% length of roads, streets, lanes, Bye-lens in • Tools used: - Broom, spade, etc. 100% Manual sweeping. Long handle broom used by sanitation workers, handcart/tricycle for collection of waste, handcart/tricycle is containerized and collection tool synchronizes with collection/waste storage container utilized and. 		<p>through tractor, dumper placer and Hyva tipper.</p>	<p>day).</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 07-08 MT per day. • Total of 100% waste transported daily. • Treatment Technology:- RDF Technology of mars proposed by JBR. 	<ul style="list-style-type: none"> • RDF and compost based plant to being established by JBR Ltd at SWM site Kenduwal. 	<ul style="list-style-type: none"> • Area of sites available for waste disposal 6.8 Hect at Kenduwalis in cluster mode with BBNDA+2.00 Biga in Manjholi. • Area of land currently used for waste disposal is 1.0 Hect. • Distance from city/town 12 km Distance from habitation 500m. Distance from water body 100m Distance from national highway 1.5 km; distance from airport approximat e65kms and
--	--	--	--	---	---	---

						<p>from religious places is 50 km.</p> <ul style="list-style-type: none"> • 1.2 Mt of waste dumping site each day.
M.C Parwanoo	<ul style="list-style-type: none"> • Population 28758 (Floating population). • Area 8.31 sq km. • Number of households in the city/town 3500. No of non-residential 286 units. Number of election/ administrative wards in the city in 9. • Quantity of solid waste generated in the local body area 6/tpd. • Quantity of solid waste collected 6/tpd. Per capita waste collected 350/gm/day. • Door to Door Collection of solid waste in 9 wards. No. of households covered 3500.No. of non-residential premises including commercial. • 250 nos. non-residential premises covered in d2d collection through: Motorized vehicle 100% (manual). • 32 km length roads, Streets, lanes, bye-lens in the city that need to be cleaned. • Frequency of street sweepings and percentage of population Covered on daily 100%. 	<ul style="list-style-type: none"> • Status of Solid waste Management servic:- Waste collected by MC Parwanoo and transported the same by MC from 1/12/2023 and processed by M/s JBR. • Solid waste is stored at source in segregated form. • 80% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 80-90% of household practice storage of waste at source in domestic bins. • 80-90% of non-residential premises practice storage of waste at source in commercial/institutional bins. • Bin-less city:- city been declared bin-less. • Lifting of Solid waste from storage depots is mechanical lifting i.e 100%. • Treatment technology used:- Outsourced to M/s JBR environmental 	<ul style="list-style-type: none"> • Waste transportation:- 10 no. trips made per day 5 nos of vehicle, 2 tractors, 1 no. dumper placer and 5 nos. pickups. • 100% daily frequency of waste transported. • 8/ tpd quantity of waste transported each day. 	<ul style="list-style-type: none"> • Solid waste processed:- Presently D2D garbage collection are being done by itself from 01.12.2023 and transportation the same from jump site sector-5 Parwanoo to SWM plant kanduwal (Baddi) and thereafter processed by the M/s JBR Baddi. • Collection, transportation by MC from 1/12/2023 itself and processing of waste being 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumpsite/land fill:- Waste collected by MC Parwanoo and transported the same by MC from 1/12/2023 and processed by M/s JBR. • 0-5% of non-household dispose or throw solid waste on the streets. • Solid waste disposal facilities:-1. • 1 no of dumpsites available with the local body. • 2725 sqm

	<ul style="list-style-type: none"> • Tools used:-Hand carts, brooms, belcha kassi, kangi • Manual sweeping 100%. Long handle broom used by sanitation workers, handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. 		<p>technology baddi since 22/07/2020</p>		<p>outsourced to M/s JBR Environmental Technology Baddi since 22/07/2020 under cluster approach.</p> <ul style="list-style-type: none"> • Technologies adopted:- Waste to compost. 	<p>area is available for waste disposal sites.</p> <ul style="list-style-type: none"> • Distance of dumpsite from city is 2.5 Km, from nearest habitation is 0.5km. • Distance from water body is 5 Km. • Distance from national highway is 2.5 Km.
M.C Baddi	<ul style="list-style-type: none"> • Population 29911 (70,000 floating population. • Area 7.02 sq.km. • Number of households in the city/town 8788 (8460 last year). • No. of non-residential 4355. • Number of election/administrative wards in the city in 9. • Quantity of solid waste generated in the local body area 25-30 tpd. Quantity of solid waste collected 25-30 MT. Per capita waste collected 350 gm/day. • Door to Door Collection of solid waste 100% in 9 wards. No. of households 	<ul style="list-style-type: none"> • Status of solid waste management service:- Being managed by M/s JBR. • Solid waste is stored at source in segregated form. • 30% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Solid waste is stored at source in domestic/commercial/institutional bins. • 30% (earlier 60%) of house holds and 15% of non-residential practice storage of waste at source in domestic bins • Cement concrete cylinder bins:- 3, 2 to 5 m3 bins:- 10 No.s (approx.. 12-15 	<ul style="list-style-type: none"> • Waste transported through Tractor 18 no. (2 trip per day each tractor), Tipping truck (01 nos 12 trips each dumpers), 1 no Mahindra pick ups and 2 no JCB through contractor. • Frequency of transportation of waste is on daily basis 100%. • Quantity of waste transported each day 25-30 tpd. • 100 % waste 	<ul style="list-style-type: none"> • 25-30 tpd quantity of waste processed daily. • Treatment:- Outsource to M/s JBR. • Land available 6.8 hectare in cluster mode with BBND at Kenduwal SWM site. • 1 hec. Land utilized for waste processing. • Technologies adopted:- 	<ul style="list-style-type: none"> • Solid waste disposed at dumpsite/land fill:- MC Baddi follows zero landfill model. • 0-5% of households and 0-5% (earlier 10%) non-residential dispose of throw solid waste on the streets. • Distance of site from city 3.5 km • Dumpsite

	<p>covered 8788 (8460 last year). 4355 nos. non-residential premises covered in d2d collection through</p> <ul style="list-style-type: none"> • Motorized vehicle 85%, containerized tricycle/handcart (open wheel barrow) 15%. • Frequency of street sweepings and percentage of population covered on daily 100%. • Tools used-Shovel, Broom, Kangi, sword, bags etc. • Long handle broom used by sanitation workers, handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. 		<p>MT).</p> <ul style="list-style-type: none"> • Ward wise detail of waste depots ward 22 no od dumper type bins placed in all 9 wards. • Total Storage capacity of waste storage facilities in cubic meters 22 bins approximately 12-15 MT total volume. • Frequency of collection of waste from depots 12 no of bins daily, 7 alternate day and 3 twice a week • Lifting of solid waste from storage depots in 100% mechanical. 	<p>transported daily.</p> <ul style="list-style-type: none"> • Treatment technologies:- MRF for dry waste and window for wet waste 	<p>Waste compost.</p>	<p>available with local body is 1.</p> <ul style="list-style-type: none"> • Distance from habitation .5 km, from water body 100 mtr. Distance from national highway 1.5 km. distance from airport & religious place 50 km. • 6.8 Hectares of sanitary landfill sites available with the local body. • 1 hect. Area of such site available for waste disposal sites.
NP Arki	<ul style="list-style-type: none"> • Population 3038 (2011). • Area 1.45 sq km in 7 wards. • Number of households in the city / town 705. • Quantity of solid waste generated in the local 	<ul style="list-style-type: none"> • Waste being stored at source in a segregated form. • Lifted from d2d and transported to treatment plant directly in a segregated form. 	<ul style="list-style-type: none"> • City is bin less. • 100% manual lifting solid waste. 	<ul style="list-style-type: none"> • Transported through one tripper per day. • 100% total waste transported daily. • Quantity of waste transported is 0.6 tpd. 	<ul style="list-style-type: none"> • 0.6tpd quantity of waste processed daily. • Treatment is done self NP Arki. • Land 	<ul style="list-style-type: none"> • Quantity of Solid waste disposal at dumpsite/landfill:- NP Arki zero

	<p>body area 0.6 tpd/day.</p> <ul style="list-style-type: none"> Quantity of solid waste collected 0.6 tpd. Per capita waste collected per year is 300 gm/day. Door to Door Collection of solid waste in 7 wards. No. of households covered 909 and non-residential premises are 232. Percentage of residential and non-residential premises covered in door to door collection through Motorized vehicle 10%. Other device 90%. 10 km length of roads, streets, lanes, bye-lanes in the city that need to be cleaned. Manual sweeping 100% Tools used- Shovel, Brooms, Kangi, Sword, bags etc. Long handle broom used by sanitation workers. Collection tool synchronizes with collection/waste storage containers utilized. 			<ul style="list-style-type: none"> Treatment Technology:- MRF for dry waste and OWC for wet waste. 	<p>available 2 hectare with the local body.</p> <ul style="list-style-type: none"> 450 sqm land is currently utilized for waste processing. Distance of processing facilities from city/town boundary:- outside city. Technology adopted:- OWC Refuse Derived Fuel:- Send Ambuja Cement Plant Darlaghat Combustible waste supplied to cement plant. 	<p>landfill model.</p> <ul style="list-style-type: none"> 1 no. of dumpsite available with the local body. 2 Hectare land is currently used for waste disposal site. Distance from city/town 1.2 km. Distance from habitation 1km. Distance from national highway 3 km.
NP Kandaghat	<ul style="list-style-type: none"> Population 2598 (Census 2011). Area 0.97 sq km. Number of households in the city/ town 977. No. of non-residential premises in city is 209. Number of election/ administrative wards in the city in 	<ul style="list-style-type: none"> Status of SWM:- Nagar Panchayat kandaghat collects waste through 20 nos. of safai karamcharis engaged through 20 nos. of safai 	<ul style="list-style-type: none"> City is bin less. Waste storage depots in the city/town :- 7 no. capacity (8cum) each. Above 5 m3 containers :- 7 nos. 	<ul style="list-style-type: none"> Transported through 2-Non no. of vehicle and others 2 no. Mahindra pickup. Frequency of transportation of waste is daily basis. 	<ul style="list-style-type: none"> Quantity of solid waste processed:- 1.5/tpd. Technology:- Currently waste is directly being sent to SWM 	--Nil--

	<p>7.</p> <ul style="list-style-type: none"> Quantity of solid waste generated in the local body area 1.5 tpd/day. Quantity of solid waste collected 1.5tpd. Per capita waste collected per year is 300 gm/day. D2D Collection of solid waste is being done in the city in 7 wards, 977 households covered and 209 no. approx. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 100% (Manually D2D other device). Manual sweeping 100% Tools used- Shovel, Brooms, Kangi, Sword, bags etc. Long handle broom used by sanitation workers. Collection tool synchronizes with collection/waste storage containers utilized. 	<p>karamcharis engaged through pvt. Contractor. Currently waste is directly being sent to SWM plant Bhayal, Shimla.</p>	<ul style="list-style-type: none"> Total waste actually stored at the waste storage depots daily is 1.5 tpd approx.. Frequency of collection of waste from the depots is daily 7. 100% manual lifting of solid waste from storage depots in external. 	<ul style="list-style-type: none"> 1.50 tpd quantity of waste transported each day. Treatment technology:- Currently waste is directly being sent to SWM plant Bhayal, Shimla for disposal. 	<p>plant Bharyal, Shimla for disposal.</p> <ul style="list-style-type: none"> 	
M.C. Nahan	<ul style="list-style-type: none"> Population 29014 (as per the census 2011) Area 11.27 sq.km Number of households in the city/town 17306. Number of non-residential premises in the city 4300 approx. Election/ administrative wards in the city/town 13 wards. Quantity of solid waste generated 12 tpd. Quantity of solid waste 	<ul style="list-style-type: none"> Status of Solid Waste Management Service:- Solid waste management service implementing in all 13 wards as per solid waste management act 2016. Yes and safai workers also collect 	<ul style="list-style-type: none"> 95% of households practice storage of waste at source in domestic bins. 100% of non-residential premises practice storage of waste at source in commercial/inst 	<ul style="list-style-type: none"> Lifting from door to door and transported to treatment plant directly in a segregated form. Waste transportation per day is 12 waste transported. Waste transported through 1 no. 	<ul style="list-style-type: none"> 12/ tpd quantity of waste processed daily Treatment is done through private agency 2000 sqm or 5.5 Bigha land is available with 	<ul style="list-style-type: none"> 12/tpd quantity of Solid waste disposed at dumpsite/land fill. 0.2% of households dispose or throw solid waste on the Streets. 0.1% of non-

	<p>collected 12 tpd.</p> <ul style="list-style-type: none"> • Per capita collected per year is 12/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 13 wards, 17306 households covered and 4300 no. approx. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 80% motorized vehicle, 18% containerized tricycle/handcart and 2% other device. • Two times a day along with night cleaning in commercial areas with collect the separately dry and wet waste. • 65.47 km length of roads, streets, lanes, bye-lens in the city that need to be cleaned. • Frequency of street sweepings and percentage of population covered daily is 100%. • 100% manual sweeping by long handled broom, each sanitation worker is given handcart/tricycle for collection of waste and collection tool synchronizes with collection/waste storage containers utilized. 	<p>the separately dry and wet waste.</p> <ul style="list-style-type: none"> • 40% of premises segregating the waste at source. 	<p>stitutional bins.</p> <ul style="list-style-type: none"> • Bin less city. • Frequency of collection waste storage facilities is approx.. 75 	<p>tractor. 03 no of e-rath, 8 mahindra pickup & 03 tempo collector, 25 no. of handcarts/wheelbarrows.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste daily 100%. • Quantity of Waste transported per day is 12/tpd. • 100 % waste transported daily. • Treatment Technology used:- Work of daily waste processing at swm site has been outsourced through private agency (Suntan life) so all the machinery using by agency for disposal of all the collected waste at SWM Plant. 	<p>the local body for waste processing. Currently 2 Bigha land is utilized for waste processing.</p> <ul style="list-style-type: none"> • Processing facilities:- It has been completed and all machine are operational through private agency. • Distance of facilities from city/town boundary is 5 Km from Nahan Town. • Technologies: - Work of daily waste processing at swm site has been outsourced through private agency (Suntan life) so all the machinery using by agency for 	<p>residential premises dispose or throw solid waste on the Streets.</p> <ul style="list-style-type: none"> • Disposal facilities:- • Work of daily waste processing at swm site has been outsourced through private agency (Suntan life) so all the machinery using by agency for disposal of all the collected waste at SWM Plant. • Area available for waste disposal 2.5 bigha. • 1 Number of dumpsite available with the local body. • Distance from city/town 5
--	--	---	--	---	---	--

					<p>disposal of all the collected waste at SWM Plant.</p> <ul style="list-style-type: none"> • Composting:- Qty final product produced:- 2000 kg approx.. Qty sold:- Final product utilized in MC own perks and gardens and sold out nearby farmers. • Combustible waste supplied to cement plant:- Convert in RDF and sent to cement plant time to time. 	<p>km Distance from habitation 4 km. Distance from water body 5 km. Distance from national highway 50 m and religious place 5km.</p>
M.C. Paonta	<ul style="list-style-type: none"> • Population 25183 (as per the Census). • Area 6.20 sq km. • Number of households in the city/town 7850. • Number of non-residential premises in the city 3200 approx. Election/ administrative wards in the city/town 13 wards. • Quantity of solid waste generated 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 100% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 80% of non-residential premises practice storage of waste at source in commercial/institutional bins. • 2 to 5 m³ bins-26. 	<ul style="list-style-type: none"> • Lifted from d2d transported to treatment :-11 tpd. • Waste transported through 4 no. of tractor, 1 no. tipping truck, 2 no. of dumper placer and 14 jeep pickup & 26 no. of 	<ul style="list-style-type: none"> • Quantity of solid waste processed 11/tpd. • Treatment is done through private agency. • 5 bigha land available 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumpsite 8/tpd. • 0.2% of households dispose or throw solid waste on the

	<p>and collected 11/ tpd</p> <ul style="list-style-type: none"> • Per capita waste collected 300/gm/ day. • Door to Door: - D2D Collection of solid waste is being done in the city in 13 wards, 7850 households covered and 3200 no. approx. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 90% motorized vehicle, 8% containerized tricycle/handcart and 2% other device. • Two times a day along with night cleaning in commercial areas. • 65.47 Km length of roads, streets, lanes in the city that need to be cleaned. • Frequency of street sweepings and percentage of population covered occasionally is 100% and vehicle provided as per demand in all type of function for lift the garbage. • 100% manual sweeping by long handled broom, handcart/tricycle for collection of waste and collection tool synchronizes with collection/waste storage containers utilized. 		<ul style="list-style-type: none"> • 2 bin in every wards. • 02 dustbins are installed in every wards for safe garbage collection. • Storage capacity of waste storage:- 5 to 3 meters containers 	<p>handcarts/wheel-borrows.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste daily is 100%. • Quantity of waste transported each day 11/tpd. • 100 % total waste transported daily. 	<p>with the local body for waste processing & also currently utilized.</p> <ul style="list-style-type: none"> • Distance of processing facilities from city/town 7 km from Paonta Sahib. • Composting: <ul style="list-style-type: none"> - Qty raw material processed:- 3tpd. Qty final product produced:- 150 kg/day. • Qty utilized in MC own parks and gardens. • Bio-methanation: <ul style="list-style-type: none"> - The work of daily waste processing has been awarded to private agency (M/s 	<p>Streets.</p> <ul style="list-style-type: none"> • 0.1% of non-residential premises dispose or throw solid waste on the Streets. • Area of such site available for waste disposal sites-5 Bigha. • Distance of dumpsite /landfill site facility from town/city is 7kms, from nearest habitation 100m, distance from water body 7km, from national highway 100 meters and from religious places 7kms.
--	---	--	--	---	---	---

					<p>Suntan life) so all the wet waste lifted by agency its own plant and wet waste using in Bio- Methanation.</p> <ul style="list-style-type: none">• Refuse Derived Fuel:- The work of daily waste processing has been awarded to private agency (M/s Suntan life) so all the dry waste converts into bails through bailing machine and sent it as RDF by the agency for final disposal.• Co- processing:- Qty raw material processed.• Combustible waste supplied to	
--	--	--	--	--	---	--

						cement plant:- Dry waste convert in RDF through bailing machine and sent to cement plant time to time.	
N.P. Rajgarh	<ul style="list-style-type: none"> • Population 3083 • Area in sq. kilometers 2.14. • Number of households in the city/town 1217. • Number of non-residential premises in the city 1045 • Election/ administrative wards in the city/town 7 wards. • Quantity of solid waste generated in the local body area 1 MT. • Quantity of solid waste Collected 1 tpd. • Per capital waste collected 300/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 1217 households covered and 1217 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 35% motorized vehicle and 65% other device. • 2.8 Km length of roads, streets, lanes in the city that need to be 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 95% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 95% Percentage of household practice storage of waste at source in domestic bins. • 95% non-residential premises practice stored of waste at source in commercial • 32 no. metal covered metals/plastic containers. • Frequency of collection of waste from the depots daily from 32 no's bins. • Total capacity of waste storage facilities in 6.93 cubic meters. • Storage depot 	<ul style="list-style-type: none"> • Waste transported:- 02 no. of small Mahindra Pickup haired through outsource for transportation of daily generated waste from all the 7 wards. • 100% waste of total waste transported daily. • Frequency of transportation of waste daily. • Quantity of waste transported each day 1tpd. • Treatment technologies used:- Feeding to animal. 	<ul style="list-style-type: none"> • 1 tpd waste processed daily. • Treatment is done through CLC workers • 2.5 Bigha land is available with the local body for waste processing and currently utilized for waste processing. • Solid waste processing facilities under construction:- Yes NP Rajgarh has started construction of new SWM Plant at thord kolan 17 km away from NP Rajgarh city. • Distance of 	<ul style="list-style-type: none"> • 0.9% of household dispose or throw solid waste on the street. • 1% of non-residential pre-mise dispose of throw solid waste on the streets. • 2.5 bigha ranted (9 bigha land provided local govt. for construction ULBs own SWM plant.. • 15 Km distance of dumpsite facility from city. • 200 m from the nearest habitation. • 10 km from 	

	<p>cleaned.</p> <ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population covered occasionally is 99%. • 100% manual sweeping by long handled broom, handcart/tricycle for collection of waste, handcart/tricycle is containerized and collection tool synchronizes with collection/waste storage containers utilized. 		<p>facility for storage of segregated waste :- 04 green bin, 04 no. of blue bins and 02 no. of black bins.</p> <ul style="list-style-type: none"> • Manual lifting of Solid waste is 100%. 		<p>processing facilities from city/town boundary is 15 km.</p> <ul style="list-style-type: none"> • Technologies adopted:- Bailing machine using for dry waste and all the wet waste sent to animal feeding at hariom Goushala. • Energy technology- sent to cement time to time. • 30 combustible waste supplied to cement plants. • 570 MT combustible waste supplied to solid waste based power plants. 	<p>the water body.</p> <ul style="list-style-type: none"> • 150 km from the national highway, 100 kms from airport and 15 kms from religious places.
M.C. Bilaspur	<ul style="list-style-type: none"> • Population 13654. • Area 10.68 sq km. • Number of households in the 3334 approx city/town. Number of non-residential premises in the city 1050 approx. Number of election/administrative wards in the city/town 11. 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 90% premises segregating the waste at source. 	<ul style="list-style-type: none"> • Solid waste is stored at source in domestic/commercial/institutional bins. • Percentage of households practice 	<ul style="list-style-type: none"> • Waste transportation is 5.00 qtl (trip made) Through 2 tipping trucks and 10 no. of Jeep, Three wheelers • Frequency of transportation 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 4.7/tpd. 	<ul style="list-style-type: none"> • 10% households dispose or throw solid waste on the streets. • Action Plan:- D2D collection have been

	<ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area 4.7 tpd. Quantity of solid waste collected 4.7 tpd. Per capita waste collected 350gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 11 wards, 3271 households covered and 990 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 90% motorized vehicle. • 30 km Length of roads, street, lanes in the city, that needs to be cleaned. • 100% frequency of street sweepings and percentage of population covered daily is 65%, alternate days is 25%, twice a week is 5% and occasionally is 5%. • Tools used:- 100% Mechanical sweeping • Long handle broom handcraft/tricycle are used by sanitation workers. • 9 no. of manpower deployed by local body and 20 no. of manpower deployed by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste. 		<p>storage of waste at source in domestic bins is 90%.</p> <ul style="list-style-type: none"> • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins 	<p>of waste.</p> <p>Daily 90% basis. Alternate 5 %. Twice a week 5 %.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 4.3/tpd. 90% waste transported daily. • Treatment technology:- Wet waste sent to piggery farm Ghumarwin and dry waste is sending to ACC Barmana & Ultra Tech cement plant baga. • Vehicles and equipment's used at landfill – JCB provided. 		<p>made started in 11 wards and it will be covered all the M.C. area.</p>
Shri Naina deviji	<ul style="list-style-type: none"> • Population 1204 (As per Census 2011). • Area 0.92 sq km. 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. 	<ul style="list-style-type: none"> • Solid waste is stored at source in 	<ul style="list-style-type: none"> • Waste transported through non 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 	<ul style="list-style-type: none"> • Solid waste disposal facilities-

	<ul style="list-style-type: none"> • Number of households in the 323 apprx city/town. • Number of non-residential premises in the city 307. • Number of election/ administrative wards in the city/town 7. • Quantity of Solid waste (solid waste)-14.14 per year • Estimated Quantity of solid waste generated in the local body area 0.4/ tpd Approx. • Quantity of solid waste collected 0.40 tpd Approx. • Per capita waste collected 300 gm/day Approx. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 323 apprx. households covered and 307 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 25% motorized vehicle and 75% of tricycle/handcraft other device. • 14.046 km Length of roads, street, lanes in the city, that needs to be cleaned. • 100% population covered. • Mechanical sweeping 100%. • Long handled broom used and handcart/tricycle is provided to workers, each worker is given handcart/tricycle for collection of waste and the collection tool synchronizes with collection/waste storage containers utilized. 	<ul style="list-style-type: none"> • 100% premises segregating the waste at source. 	<p>domestic/ commercial/institutional bins.</p> <ul style="list-style-type: none"> • Percentage of households practice storage of waste at source in domestic bins is 100%. • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. • Waste Storage depots in city/town 2 Nos of open waste storage site (90.00 m³). • The city is dustbin free. • Bin population ration is 30/1204. • 450 m³ storage capacity of waste storage facilities in cubic meters. • Total waste actually stored at the waste 	<p>tipping truck 1 no. Tipper and 8 no.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste. Once a week (1.50 tpd). • Quantity of waste transported each day 0.4 tpd. • 100% of total waste transported daily. • Technologies adopted: Composting & RDF <p>Composting:- Qty final product produced -2 kg</p>	<p>.4/ tpd.</p> <ul style="list-style-type: none"> • Treatment is done through an agency. • Land currently utilized for processing in MC fund. • Distance of processing facilities from city/town boundary:- Within town. • Solid waste processing facilities in operation:- Pits, Bailing machine. • 14.14/ ton combustible waste supplied to cement plant. • Co-processing:- 14.14/ ton 	<p>Composting Pits, MRF.</p> <ul style="list-style-type: none"> • Distance of dumpsite/landfill facility from city/town:- Within Town. • Distance from nearest habitation 0.10 km. Distance from national highway 5.0 km. distance from airport 100 km. from Airport and distance from important religious places or historical monument is 1 KM
--	--	--	--	---	---	--

	<ul style="list-style-type: none"> 100% frequency of collection of waste from the depots is 30% daily. 		<p>storage depots daily is .4/tdp.</p> <ul style="list-style-type: none"> 100 % Lifting of solid waste from storage depots is manual. 			
Ghumarwin	<ul style="list-style-type: none"> Population 7899 (as per census 2011). Area in sq. kilometers 3.02. Number of households in the city/town 2200. Number of non-residential premises in the city 850. Number of election/ administrative wards in the city/town 7. Quantity of solid waste generated in the local body area 2.7/tpd. Quantity of solid waste collected per day 2.7/tpd. Per capita waste collected 350 gm/day. Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 2050 households covered and 80% of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 90% motorized vehicle. 100% frequency of street sweepings and percentage of population covered daily is 70%, alternate days is 20% and twice a week is 10%. Length of Roads-7.500 km, streets-2.500 km, lanes-3.500 km in the city that need to be 	<ul style="list-style-type: none"> Solid waste is stored in a segregated form. 90% premises segregating the waste at source. 	<ul style="list-style-type: none"> Solid waste is stored at source in domestic/commercial/institutional bins. Percentage of households practice storage of waste at source in domestic bins is 90%. 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. No. and type of waste storage depots in the city/town:- The city is dustbin free. 	<ul style="list-style-type: none"> Waste transported through 1 no of tractor, tipper and 2 nos of three wheeler. Frequency of transportation of waste :- Daily 90% Alternate day 5% Twice a week 5%. Quantity of waste transported each day:- 2.3/tpd. 90% of total waste transported daily. Wet waste sent to piggery farm Ghumarwin and dry waste is sending to ACC Barmana & Ultra Tech 	<ul style="list-style-type: none"> Quantity of solid waste processed 2.7/tpd. 	<ul style="list-style-type: none"> 10% households dispose or throw solid waste on the streets.

	<p>cleaned.</p> <ul style="list-style-type: none"> Tools used:- 100% Mechanical sweeping Long handle broom used by sanitation workers and handcart/tricycle for collection of waste. 			cement plant Baga.		
NP Talai	<ul style="list-style-type: none"> Population 2372. Area in sq. kilometers 2.89 Number of households in the city/town 713, Number of non-residential premises in the city are 320. Number of election/administrative wards in the city/town 7. Quantity of solid waste generated in the local body area 1.92 Ton Quantity of solid waste collected per day 1.92 ton. Per capital waste collected per day 350/gm/day. Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 713 households covered and 320 of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 50% motorized vehicle, containerized tricycle/handicraft 30% and other device 20%. 48 km Length of roads, street, lanes in the city, that needs to be cleaned. Frequency of streets sweeping and percentage of population 	<ul style="list-style-type: none"> Segregation of waste in 7 wards. Solid waste is stored in a segregated form. 90% of premises segregating the waste at source. 	<ul style="list-style-type: none"> 90% of households practice storage of waste at source in domestic bins. 90% non-residential premises practice storage of waste at source in commercial/institutional bins. Lifting of solid waste is from depots is 100% mechanical lifting and the method is front-end loaders/top loaders. 	<ul style="list-style-type: none"> Solid waste is collected through safai karamchari and lifted through vehicle of NP. Waste transportation per day through 1 Tipping Truck and 4 Trips made. Frequency of transportation of waste daily 100 % waste transported daily. Quantity of waste transported each day is 1.92 ton. 90% of total waste transported daily. Treatment 	<ul style="list-style-type: none"> Solid waste is processed 1.92 tpd. Technologies adopted:- Composting:- Raw material processed:- 1.20 tdp. Qty final product produced:- compost. Qty Sold:- 7000 kg (during the year 2023-24). 75.03 ton combustible waste supplied to cement plant 	<ul style="list-style-type: none"> Quantity of Solid waste disposed at dumpsite/landfill:- NP Talai Follow zero landfill model. 0-2% households & non-residential premises dispose or throw solid waste on the streets. Solid waste disposal facilities:- Composting & RDF technology. 1 no. of dumping sites available with the local body. Distance of dumpsite/landfill facility from city within NP limit. Distance from

	<p>covered 70% daily. Alternate 15% .Twice a week 10% Occasionally 5%</p> <ul style="list-style-type: none"> • Tool used 100% Manual sweeping. long handed broom used by sanitation workers 			<p>Technology:- Composting and RDF and treatment is done by the local body.</p>		<p>nearest habitation 0.500 km Distance from water body .100 km., distance from national highway is 15 km, Airport-170 kms and important religious place is 1.00kg.</p>
M.Corp. Mandi	<ul style="list-style-type: none"> • Population 41375. • Area in 28.67 sq. km. • Number of households in the city/town, 15500. No of non-residential 2700 Number of election/ administrative wards in the city in 15. • Quantity of solid waste generated in the local body area 17.31/ tpd. Quantity of solid waste collected 17.31 tpd Per capita waste collected 350 gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 15 wards, 15500 households covered and 2700 of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 70% motorized vehicle, containerized tricycle/handicraft 20% and other device 10%. • 95 km Length of roads, street, lanes in the city, that needs to be 	<ul style="list-style-type: none"> • Solid waste is stored at source in domestic/commercial/institutional bins. • 90% Segregation of solid waste at source. 	<ul style="list-style-type: none"> • 90% of household practice storage of waste at source in domestic bins. • 90% of non-residential premises practice storage of waste at commercial/institutional bins. • Waste storage depots in the city/town:- Storage bins are not used as collected waste is directly transferred to processing site at Bindrawani. 	<ul style="list-style-type: none"> • Yes, 15 compartmented vehicle are being used for transportation of waste from d2d to processing site directly in segregated form. • Waste transportation per day:- 17.31 tpd 15 nos of compartmented vehicles are used. Dumpers Placer-1 and others=15 JCB/Loaders-1. • Frequency of transportation of waste daily is 100%. 	<ul style="list-style-type: none"> • 7.31/tpd solid waste processed. • 0.538 hectares land available with the local body for waste processing. • Land currently utilized for waste processing .538. • 2 Km Solid waste processing facilities. • 1 no solid waste processing facilities under construction. 	<ul style="list-style-type: none"> • Solid waste disposal at dumpsite/ landsite is 10/tpd. • 2% of household & non-residential disposed or throw solid waste on the streets. • 1 no. of dumpsites available with the local body. • Distance from city 6 km. Distance from habitation 1 km, Distance from water body .60 km Distance from

	<p>cleaned.</p> <ul style="list-style-type: none"> • Frequency of street 100% daily. • Tools used: Brooms. • Manual sweeping - 95% and Mechanical sweeping 5%. • Long handed broom used by sanitation workers and handcraft/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. 			<ul style="list-style-type: none"> • Treatment technology- Composting pits for wet waste and MRF is for dry waste. 	<ul style="list-style-type: none"> • 6 Km distance of processing facilities from city/town boundary. • Technology:- Composting :- 2 tpd raw material processed. 0.01 final product produced. Refuse derived Fuel:- 2.50 Ton per week raw material processed. • Combustible waste supplied to solid based power plant:- 2.5ton per week. 	<p>national highway 0.1 km distance from airport 75 km and religious places or historical monument.</p>
M.C. Sunder Nagar	<ul style="list-style-type: none"> • Population 24344. • Area in kilometers 12.069 sq km. • 8698 Number of households in the city/town. • 13 Number of election/administrative wards in the 	-----	-----	<ul style="list-style-type: none"> • Storage capacity of waste storage facilities is 5000 cum. • Waste actually 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 12/tpd. • Solid waste is processed 	<ul style="list-style-type: none"> • 1 no. of dumpsite available with the local body. • Distance of dumpsite/land

	<p>city/town.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day in metric tons 12/tpd. • Quantity of solid waste collected per day 12/tpd. • Per capita waste collected per day 350/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 13 wards, 8698 households covered and 190 of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 100% motorized vehicle. • Frequency of street sweeping is daily, • 100% Manual sweeping • Long handle broom used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, and handcraft/ tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. 			<p>stored at the waste storage depots daily is 12 ton.</p> <ul style="list-style-type: none"> • Treatment Technology- Land filling. • Trip made for Waste transportation through 6 tractor, 4 no. of Vehicle and JCB/loader 11. • Frequency of transportation of waste is daily and 100% -40 bins, alternate day-5 bins, twice a week 10 bins and once a week-5 bin. • Quantity of waste transported each day 12 /tpd and 100% of total waste transported daily. 	<p>daily.</p> <ul style="list-style-type: none"> • Treatment is done by agency. • 1 hect./3.95 bigha land available with the local body for waste processing. • Processing facilities from city/town boundary is 2 K.M. • Composting:- Raw material processed:-4 Final product produced:-2, Qty Sold:-2 ton. • Combustible waste supplied to solid waste based power plants:- 113.42 tons (RDF). 	<p>fill facility from city 2 km. Distance from habitation 0.5 km. Distance from water body is 40 mtrs. Distance from national highway 0.5km.</p>
M.C Nerchowk	<ul style="list-style-type: none"> • Population 8528. • Area in sq. kilometers 8. • Number of households in the city/town 2500 nos. • Number of non-residential premises in the city 1345 nos. • Number of election/ 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 90% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Solid waste is stored at source in Domestic\ commercial\ institutional bins. • 100% of households 	<ul style="list-style-type: none"> • Waste transported through 5 tractors and 2 autos. • Frequency of transportation 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 3.33/ tpd. • Treatment :- through contractor 	<ul style="list-style-type: none"> • 2% of non-residential premises dispose or throw solid waste on the streets.

	<p>administrative wards in the city is 9 nos.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area 3.33/ tpd. • Quantity of solid waste collected 3.33/ tpd. • Per capita waste collected 300 gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards, 2500 households covered and 1345 of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 100% motorized vehicle. • 3 km Length of roads, street, lanes in the city, that needs to be cleaned. • Frequency of street sweepings 100% daily. • Tools used Brooms, basket Long handle broom used by sanitation workers, handcart/tricycle for collection of waste, handcart/tricycle is containerized. 		<p>practice storage of waste at source in domestic bins.</p> <ul style="list-style-type: none"> • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. • Bin less city. 	<p>of waste Daily 100%.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 3.33/ tpd. • 90% of total waste transported daily. • Technology used:- OWC. 	<ul style="list-style-type: none"> • 10 Bigha land is available with the local body for waste processing. • Distance of processing facilities from city/town is 2 km. • Combustible waste supplied to cement plant:- 200.080 MT. 	<ul style="list-style-type: none"> • Solid waste disposal facilities:-1. • 10 Bigha land is available with the local body for waste processing. • Distance of dumpsite/land fill facility from city/town 2 km, from nearest habitation 3 kms, from water body 1 km, from airport 90 km, and from important religious place or historical monuments 4 km.
N.P Sarkhaghat	<ul style="list-style-type: none"> • Population 5433. • Area in sq kilometers 3.56. • Number of households in the city/town 1346. • No of non-residential premises in the city in 500. • No. of election/administrative wards in the city/town is 7. • Estimated Quantity of solid waste 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 88% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Solid waste is stored at source in domestic/commercial/institutional bins. • 100% household and non-residential 	<ul style="list-style-type: none"> • Waste transported through 1 no. of tipping truck. • Quantity of waste each day 1.5 tpd. • 100% of total waste transported 	-----	<ul style="list-style-type: none"> • 1.2 tpd solid waste disposed at dumpsite/landfill. • 6% of household dispose or throw solid

	<p>generated 1.2 – 1.5 ton per day (approx.).</p> <ul style="list-style-type: none"> • Quantity of solid waste collected per day 1000 kg (approx.). • Per capita waste collected 350 gm. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 1346 households covered and 500 of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc. are covered through 60% motorized vehicle, 40% containerized tricycle/handcart and 100% other device. • 7 km Length of roads, street, lanes in the city, that needs to be cleaned. • Frequency of street sweepings 100% daily, alternate days. • Manual sweeping 100%. • Long handle broom used by sanitation workers, handcart/tricycle for collection of waste and collection tool synchronizes with collection/waste storage containers utilized. 		<p>premises practice stored of waste at source in commercial.</p> <ul style="list-style-type: none"> • 100% of non-residential premises storage of waste at source in commercial/institutional bins. • Bin-less city. • 10 Nos. litter bins present in MC area. • Ward wise details of waste storage depots:- waste is stored in gummy bags at selected location away from every ward till the arrival of collection vehicle. • 1050 cubic meters storage capacity of waste storage facilities. • Total waste actually stored at the waste storage depots 1.5 tons. • Frequency of collection of 	<p>d daily.</p> <ul style="list-style-type: none"> • Treatment Technology:- Bailing machine is used for bailing of plastic at MC Sarkaghat. The bailed plastic is then sent to ACC Barmana 		<p>waste on the streets.</p> <ul style="list-style-type: none"> • 5-10% of household dispose or throw solid waste on the streets. • 5-10% of non-household dispose or throw solid waste on the streets. • Distance of dumpsite/landfill facility from city 2 Km from bus stand Distance from habitation 0.5 km, 0.5 kms from water body (nallah flows only in monsoon season, otherwise its dry), distance from airport is 114 km, distance from religious
--	---	--	---	---	--	---

			waste from the depots daily:- 10 no. of litter bins and alternate days.			places is more than 2 km. • Quantity of waste landfill each day 1.5 tpd.
M.C. Jogindenagar	<ul style="list-style-type: none"> • Population 5337 (2011). • Area in sq kilometers 4.35. • Number of households in the city/town 1224. • No of non-residential premises in the city in 597. • No. of election/administrative wards in the city/town is 7. • Estimated Quantity of solid waste generated 1/tpd. • Quantity of solid waste collected per day 1/tpd. • Per capita waste collected 300 gm. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 1224 households covered and 597 of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc. are covered through 60% motorized vehicle, 40% containerized tricycle/handcart and 100% other device. • Sweeping of all streets. • 7 km Length of roads, street, lanes in the city, that needs to be cleaned. • Frequency of street sweepings 100% daily, alternate days. • Manual sweeping 100%. 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 75% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 80% household practice storage of waste at source in domestic bins • 80% of non-residential premises practice storage of waste at the source in commercial/institutional bins. • Storage depots have facility for storage of segregated waste in 1 no of green and 1 no of blue bins. • 100% manual and mechanical lifting of solid waste. • Solid waste is lifted from d2d and transported to treatment plant directly in a segregated form. Wet and dry waste are 	<ul style="list-style-type: none"> • Type and Number of vehicles used:- 4 to 5 trips daily, 2 nos. of four wheeler and 1 no. of tipper. • Frequency of waste transported daily 100%. • 100% total waste transported daily. 	<ul style="list-style-type: none"> • Quantity of solid waste processed per day 1/tpd. • Treatment is done by municipal contractors. • Land available with the local body 8.16 bighas, • Solid waste processing facilities in operation:- Compost pits, OWC, MRF, Bailing machine. • Distance of processing facilities from city/town is 10 Km. • Composting :- 	<ul style="list-style-type: none"> • 5% of household dispose or throw solid waste on the streets. • 2% of non-household dispose or throw solid waste on the streets. • Solid waste disposal facilities 1 no. • 1 no. of dump sites available with the local body. • 8.16 bighas area of each such sites available for waste disposal. • Distance of dumpsite/landfill facility from city is 10 Kms.

	<ul style="list-style-type: none"> Long handle broom used by sanitation workers, handcart/tricycle for collection of waste and collection tool synchronizes with collection/ waste storage containers utilized. 		transported separately to treatment plant.		<ul style="list-style-type: none"> Final product produced:-1 tpd. 	<ul style="list-style-type: none"> Distance from the nearest habitation is 1.5 KM
N.P Rewalsar	<ul style="list-style-type: none"> Population 1821 (As per census 2011). Area in sq. kilometers 3.97. Number of households in the city/town 500. No of non-residential 36. Number of election/ administrative wards in the city in 7. Estimated Quantity of solid waste generated 1 /tpd. Quantity of solid waste collected per day 0.80 tpd. Per capita waste collected 350 gm/day. Door to Door Collection in 7 nos. of wards, 500 no of household and 436 non-residential premises including commercial establishment, hotels, restaurant, educational institutions/office etc. covered. Percent of residential and non-residential premises covered in door to door collection through : Motorized vehicle- 100%. 7 km Length of roads, streets, lanes, bye-lens in the city that need to be cleaned. Frequency of street sweepings and percentage of population covered 	<ul style="list-style-type: none"> Segregation of waste at source has been started in all wards and awareness is being conducted. 80% of premises segregating the waste at source. 	<ul style="list-style-type: none"> 85 % of household practice storage of waste at source in domestic bins 90% of Non-residential premises practice storage of waste at source in commercial/institutional bins. 	<ul style="list-style-type: none"> Waste is transported through 2 tractors . Frequency of transportation waste daily 10 0%. 0.80/tpd Quantity of waste transported each day. 80% of total waste transported daily. 	<ul style="list-style-type: none"> Quantity of solid waste processed per day .40/tpd. Treatment is done by local body. Govt. land currently utilized for waste processing. Solid waste processing facilities in operation:- Drum composting. Technology: - Drum composting. 	<ul style="list-style-type: none"> .80 tpd of solid waste disposed at dumpsite/landfill. 5% household dispose or throw solid waste on the streets. 5% of Non-residential premises dispose on throw solid waste in the streets. 600 sqm area of land currently used for waste disposal.

	<p>Daily 100%.</p> <ul style="list-style-type: none"> Tools used: Manual sweeping: 100%. Long handle broom used by sanitation workers and collection tool synchronizes with collection/waste containers utilized 					
N.P Karsog	<ul style="list-style-type: none"> Population 2626. Number of households in the city/town 600. Number of election/administrative wards in the city in 7 no. 3 Km length of road, streets, lanes in the city. Door to Door collection of solid waste is not being done in the city/town. 100% mechanical sweeping. Long handle broom used by sanitation workers 	-----	<ul style="list-style-type: none"> Bin less city 	-----	-----	-----
M.C. Kullu	<ul style="list-style-type: none"> Population 18536 (As per census 2011). Area 6.68 sq. km. Number of households in the 6262 approx city/town. Number of non-residential premises in the city 1000. Number of election/administrative wards in the city/town 11. Estimated Quantity of solid waste generated in the local body area per day 7-8/tpd. Quantity of solid waste collected 	<ul style="list-style-type: none"> The waste is collected in segregated from at source. MC Kullu divided into 2 Zones. Zone-1 ward 1-6 zone – 2 ward 7 -11. Dry waste is being sent to Waste to Energy plant Rangri at Manali and wet waste treated at composter installed MRF site W.no-3 & MRF site located at 	<ul style="list-style-type: none"> 90% of household practices storage of waste at source in domestic bins and 100% of Non-residential premises practice storage of waste at source in commercial/institution bins. MRF Site has established for 	<ul style="list-style-type: none"> Lifted from d2d and transported to treatment plant directly in a segregated from:- MC Kullu divided into 2 Zones. Zone-1 ward 1-6 zone – 2 ward 7 -11. Dry waste is being sent to 	<ul style="list-style-type: none"> Quantity of solid waste processed daily 7-8 tpd. Treatment is done through outsource agency contractor. MC kullu does not have its own SWM site but at present dry waste is being sent of WTE Plant 	<ul style="list-style-type: none"> Solid waste disposal facilities:- SWM site not available only wet waste is being treated at OWC machine dry waste sent to WTE plant manali for treatment. Area from waste disposal site:-

	<p>7-8/tpd.</p> <ul style="list-style-type: none"> • 350 gm/day waste collected per year. • Door to Door Collection of solid waste in 11 wards. • No. of residential covered approx. 6262 and non-residential premises including commercial establishment hotels, restaurants educational institutions/ offices etc. covered 1000 nos. Motorized vehicle 60%, handcraft/tricycle 40%. • Sweeping of streets:- once in a day. • Length of roads 10.581 km streets 13.738 and drains 24.319 km. • Tool Used:-Manuals sweeping 100%. • Long handled broom used and handcart/tricycle is provided to workers and handcart/tricycle is containerized. • Frequency of street sweepings and percentage of population covered on daily 100%. 	<p>sarwari for temporary waste collection and 2 no of domestic hazardous waste collection KISOK has been set up.</p> <ul style="list-style-type: none"> • 95% of premise segregating the waste at source. 	<p>temporary garbage collection from all wards then bailed in bailing machine and sent to WTE Plant Manali. 2 Hazardous Waste Kiosk has also been installed.</p> <ul style="list-style-type: none"> • Bin less city. • Lifting of solid waste from storage depots 40% manually and 60% mechanical. 	<p>Waste to Energy plant Rangri at Manali and wet waste treated at OWC machine</p> <ul style="list-style-type: none"> • Waste transported 2-3 trip/day from kullu to WTE plant Manali 02 no. Tipping truck and 9 nos. of small tempo. • Frequency of transportation of waste:- Daily 4-5 tone dry waste transported to waste to energy plant Manali and 1 to 1.5 tone wet waste treated at OWC plant. • Quantity of waste transported 7-8/tpd. • 100 % waste transported daily. • Treatment 	<p>Manali for disposal and wet waste is being treated at OWC machine installed at MRF site w.no 3.</p> <ul style="list-style-type: none"> • Land currently utilized for waste processing:- Only wet waste is processing at MC Kullu and 4-5 ton of dry waste is being sent to WTE plant Manali of daily basis. • Distance of processing facilities from city/town boundary:- Dry waste facilities is about 36 km from kullu town and wet waste processing 	<p>Not landfill site but OWC machine installed at ward no 3 at MRF site for treatment of wet waste and kitchen waste.</p>
--	--	--	--	--	---	---

				<p>Technology:- OWC machine having capacity of 3 tpd installed at MRF site.</p>	<p>facilities is located at ward no.-03 at MRF site of MC kullu and is about 2 km from city boundary.</p> <ul style="list-style-type: none"> • Technologies adopted:- For wet waste treatment 3 tpd organic waste composter has been installed and dry waste sent to energy plant rangri at manali for disposal making of RDF. • Composting :- Approx. 1.5 – 2 ton wet waste is being treated per day Final product 	
--	--	--	--	---	---	--

					<p>produced- Approx 3-5 ton.</p> <ul style="list-style-type: none"> Waste to energy technology:- 1-1.5 ton of dry waste is being sent daily to WTE Plant installed at Manali at Rangri Final product produced- Approx 3-5 ton. 	
MC Manali	<ul style="list-style-type: none"> Population 8095 as per census 2011. Area 3.5 sq km. Number of households 2296; 7 no. of wards . Estimated Quantity of solid waste generated in the local body area per day 10tpd Quantity of solid waste collected 10 ton. Per capita waste collected per year is 350/gm/day. D2D collection in 7 wards. No. of residential covered 2296 and non-residential premises including commercial establishment hotels, restaurants educational institutions/offices etc. covered 745 nos. 	<ul style="list-style-type: none"> The waste is collected in a segregated form. 85% of premises segregating the waste at source. MC Manali is divided into 7 wards. Dry and wet waste is sent to WTE Plant, Rangri at Manali for disposal, were wet waste is treated through composting pits and dry waste is covered into RDF and sent to cement plants for final 	<ul style="list-style-type: none"> 100% of household practices storage of waste at source in domestic bins and 100% of Non- residential premises practice storage of waste at source in commercial/institution bins. Bin-less city 	<ul style="list-style-type: none"> Lifted from d2d and transported to treatment plant directly in a segregated form:- Yes the waste is collected in segregated manner and transported to WTE plant Rangri, Manali for processing. 	<ul style="list-style-type: none"> Quantity of solid waste processed 10 ton. 10/tpd quantity of waste processed daily. Treatment is done by agency. Land available with the local body for waste processing 	<ul style="list-style-type: none"> Distance of processing facilities from city/town boundary is 1.0 kms 1 no. of dumpsite available with the local body. 1.5 Bigha area is available for waste disposal sites.

	<p>Motorized vehicle 80%, handcraft/tricycle 20%.</p> <ul style="list-style-type: none"> • Sweeping of streets is on daily basis. • 16 km length of roads, streets, lanes, bye-lanes in the city that need to be cleaned. • Tool Used: - Manual sweeping 100%. • Long handled broom used and handcart/tricycle for collection of waste and handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized. • Length of roads 16 km Frequency of street sweepings on daily basis. 	disposal.		<ul style="list-style-type: none"> • Waste transported per day through 10 tpd waste transported in 14 no of vehicles. • Quantity of waste transported 10/tpd. • 100% of total waste transported daily. • Waste treatment technology used :- RDF 	1.5 Bigha and currently utilized for waste processing is 1.5 bigha.	<ul style="list-style-type: none"> • Distance of dumpsite /landfill facility from city /town is 10 kms, from nearest habitation is 5 mtrs, from water body is 10 mtr, from airport is 50 kms and from important religious place or historical monuments is 3.5 kms.
NP Bhunter	<ul style="list-style-type: none"> • Population 4475. • Area 4.50 sq km. • Number of households in the 1320 (Approx). • No. of election/administrative wards 7. • Estimated Quantity of solid waste generated in the local body area per day 1.81 mtpd. • Quantity of solid waste collected 1.81 mtpd. • Quantity of solid waste collected per day 1.81 mtpd. • Per capita waste processed 300 gm/day. • D2D collection in 7 wards. No. of residential covered 1320 and non- 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • N.P Bhunter collected door to door solid waste from all its 7 wards. 	<ul style="list-style-type: none"> • 90% of premises segregating the waste at source. • Bin less city. 	<ul style="list-style-type: none"> • N.P. Bhunter collected solid waste directly from all households in segregated manner through door to door and transported it to waste to energy project Rangri Manali. • Waste transported 	<ul style="list-style-type: none"> • 1.81 tpd waste processed daily. • Treatment is done by local body or through and agency:- Nagar Panchayat Bhunter sent solid waste to Waste to Energy Project Rangri Manali. 	<ul style="list-style-type: none"> • Waste to energy technology :- N.P. Bhunter sent solid waste to waste to energy project Rangri Manali Operated by M/s Nextgen Chemical.

	<p>residential premises including commercial establishment hotels, restaurants educational institutions/ offices etc. covered 435 nos. Motorized vehicle 90%,</p> <ul style="list-style-type: none"> • 2 km length of roads, streets, lanes, bye-lens in the city that need to be cleaned. • Tool Used: - Manuals sweeping 90%. • Long handled broom used by sanitation workers. 			<p>per day: 1.6 tpd</p> <ul style="list-style-type: none"> • Through One tractor, one Tipper Truck and two Auto. • Frequency of transportation of waste daily is 90 %. • Treatment technology:- Dry waste is sent to waste to Energy Project Rangri Manali and wet was processing through Pit Composting. 	<p>Operated by M/s Nextgen Chemical.</p> <ul style="list-style-type: none"> • Solid waste processed daily. • There is no land available in NP Bhuntar for waste processing. Nagar Panchayat is making with the district administrati on for a permanent waste processing site. • Currently utilized for waste processing:- Temporary site at ward no. 6 lower bhuntar. • Composting: - About 200 kg composting. 	
NP Banjar	<ul style="list-style-type: none"> • Population 1414. • Area 2.2 sq.km. 	• Solid waste management	• 80% of household	• Waste transportation	• Solid waste processed	• Solid waste disposal

	<ul style="list-style-type: none"> • Number of households in the 1200. • 380 approx. Non-residential premises in the city. • No. of election/administrative wards 7. • Estimated Quantity of solid waste generated in the local body area per day 0.60 tpd. • Quantity of solid waste collected 0.60 tpd. • Per capital waste collected per year 300 gm/day. • D2D collection in 7 wards. No. of residential covered 1200 and non-residential premises including commercial establishment hotels, restaurants educational institutions/offices etc. covered 380 nos. Motorized vehicle 30%, containerized tricycle/handcart 20% and other device 50% • 2.2 km Length of roads. Tools used: • Manual sweeping 100%. • Long handle broom used by sanitation workers. • Each sanitation worker is given handcart/tricycle for collection of waste. • Handcart/tricycle is containerized. • The collection tool synchronizes with collection /waste storage containers utilized. 	<p>services:- Sanitary workers has been engaged for the collection of dry and wet waste from households.</p> <ul style="list-style-type: none"> •Minicipal solid waste is stored at temporary site and then dispatched to WTE plant Rangri, Manali for processing. •The waste is collected in segregated from at source. 	<p>practices storage of waste at source in domestic bins and 20% of Non- residential premises practice storage of waste at source in commercial/inst itution bins.</p> <ul style="list-style-type: none"> • 60 % of premises segregating the waste at source. • Bin less city. 	<p>per day:- Through 1 vehicle and 1 non tipping truck tipping truck</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 0.60 tpd. • 100 % total waste transported daily. 	<p>daily.</p> <ul style="list-style-type: none"> • 0.60/tpd quantity of waste processed daily. • Treatment is done through agency. • Distance of processing facilities from city/town 1km. 	<p>facilities:- Temporary MRF.</p> <ul style="list-style-type: none"> • 1 Km distance from water body, 45 km from airport and important religious place or historical monuments.
N.P. Nirmand	<ul style="list-style-type: none"> • Population 5000. Number of households in the city/town is 730, Number of non-residential premises city is 235. Number of wards 7. 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. 	<ul style="list-style-type: none"> • 50% of household practices storage of waste at source in 	<ul style="list-style-type: none"> • Quantity of waste transported each day 0.75/tpd. 	<ul style="list-style-type: none"> • Quantity of solid waste processed 300/gm/day. 	<ul style="list-style-type: none"> • 01 no. of dump site available with the local body.

	<ul style="list-style-type: none"> Quantity of solid waste generated in the local body area 0.75/tpd. quantity of solid waste collected 0.75/tpd Status of solid waste management services:- Currently NP Nirmand has 07 no. of wards and d2d collection is done in all the wards. 100% d2d collection of solid waste, 7 no. of wards covered, Number of household covered 730 and 235 non-residential premises including commercial establishments, hotels, restaurants education institutions/offices etc. covered through : Motorized vehicle-10%, and through other devices-90%. Garbage collection is done through filling garbage in bags. Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned is 2.5 km. 100% of population covered in street sweepings in alternate days. Tools used:- Broom. Manual sweeping is 100% (long handle Broom used by sanitation workers.) 	<ul style="list-style-type: none"> 60 % of premises segregating the waste at source. 	<p>domestic bins and 20% of Non- residential premises practice storage of waste at source in commercial/ institution bins.</p> <ul style="list-style-type: none"> Bin-less city. 		<ul style="list-style-type: none"> Land available with the local body for waste processing:- Currently NO Nirmand has identified a land for solid waste processing and FCA case formalities are being carried out to transfer the land in name of NP Niramnd. 	<ul style="list-style-type: none"> 2 km distance from dump site/landfill facility from city/town. 1 km distance from nearest habitation and water body 20 kms distance from the national highway and 140 km from airport. 1.5 Kms from important religious place or historical.
MC Una	<ul style="list-style-type: none"> Population 18722 as per census 2011. Area:4.97 Sq.km Number of households in the 3900. Number of non- residential premises in the city 2790. Number of 	<ul style="list-style-type: none"> 95% premises segregating the waste at source. 	<ul style="list-style-type: none"> Percentage of households practice storage of waste at source in domestic bins is 95%. 	<p>Waste transported</p> <ul style="list-style-type: none"> Presently 5no. MC vehicles attached with the contractor for sanitation work and 	<ul style="list-style-type: none"> Quantity of solid waste processed 6.50/tpd. 26 kanals land is available with the 	<ul style="list-style-type: none"> 95% of households dispose or throw solid waste on the streets. 95% of non-residential

	<p>election/administrative wards in the city/town 11nos.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 6.50/tpd .Quantity of solid waste collected 6.50/tpd. • Per capita waste collected per day 350gm/day. • Door to Door- D2D Collection of solid waste is being done in the city/town 11 wards in 100 %. 3900 households covered and 2790 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 15 no of motorized vehicle. • Sweeping of street is done regularly. • Tools used: • Manual sweeping 100%. all facilities are provided such as long handle broom, handcart/tricycle tool synchronizes etc. 		<ul style="list-style-type: none"> • 95% of non-residential premises practice storage of waste at source in commercial/institutional bins. • Waste Storage depots in the city/town – Bin-less city. • 100% Manual lifting of Solid Waste from storage depots. 	<p>remaining 10 on outsource basis in the sanitation work in MC area.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste 100% daily. • Quantity of waste transported each day is 6.50/tpd • Treatment Technology:- Bailing machine, 36 pits constructed/O WC machine installed for wet waste. 	<p>local body for waste processing and waste processing.</p> <ul style="list-style-type: none"> • Treatment is done by local body. • 26 Kanal land has been transferred in the name of urban development at village Rampur where construction work is in progress, in which 36 pits have been constructed, OWC machine has been installed and now it is functional, construction of MRF facility is in progress, Room of chowkidar/c are taken is 	<p>premises dispose or throw solid waste on the streets</p> <ul style="list-style-type: none"> • Area of each such sites available for waste disposal is 26 kanal. Currently used for waste disposal is 6 karnal. • 1 no. of dumpsites available with the local body. • 6.00 KM distance of processing facilities from city/town boundary. • Distance from city 7 km. distance from habitation 3 km. Distance from water body 2.00 kms. 5 kms. From national
--	---	--	---	---	---	--

					<p>under construction .</p> <ul style="list-style-type: none"> • Technology adopted:- Compost pit Technology & installed the OWC machine at dumping site at village Rampur. • Composting :- Raw material processed:- 300 kg. Final product produced: under process. • Combustible waste supplied to solid waste based power plants:- M.O.U. signed with the Cement factory plant. 	<p>highway, distance from religious places 5 km.</p>
--	--	--	--	--	--	--

<p>MC Santokhgar h</p>	<ul style="list-style-type: none"> • Population 9363 as per census 2011. Area 7.00 sq km. Number of households 2000. Non-residential area 500 and election/administrative wards 9. • Estimated Quantity of solid waste generated in the local body area per day 4.00/ tpd .Quantity of solid waste collected 4.00 qtl. • Per capital waste collected 250 gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards. 1976 nos. of households are covered and 450 nos. of non-residential premises including commercial establishments, hotels restaurants educational institutions/offices covered. • Percentage of residential and non-residential premises covered in door to door collection through 25 % motorized vehicle.75% containerized tricycle/ handcraft. • 17 km Length of roads, street, lanes in the city. • Frequency of street sweepings and 80 % of population Covered on daily basis, 10% alternate days, 10% twice a week. <p>Tools used:</p> <ul style="list-style-type: none"> • Manual sweeping 100%. Long handle broom and handcart/tricycle are provided to sanitary workers. And the collection tool synchronizes with collection /waste storage 	<ul style="list-style-type: none"> • 70-80% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Waste Storage depots in the city/town – 2 open waste storage sites. • Total storage capacity of waste facilities in 204 cum. • Total waste actually stored at the waste depots daily 3.00 tpd. • Number of bins cleared daily 80%, Alternate days 10%, twice a week 10%. 	<p>Waste transported:</p> <ul style="list-style-type: none"> • 100% mechanical (Tipper, Tractor trolley) lifting of solid waste from storage depots. • 6 number of trips made Through 1 tractor and 1 tipping truck. • Solid waste collected in segregated form from Houses, transported through Tricycles to the collection point and transported to Solid waste Management site. • Frequency of transportation of waste is 80% daily, 10 % alternate day and 10% of Twice a week. 	<ul style="list-style-type: none"> • Waste treatment technologies used is composed pits. • 0.2 tpd quantity of waste processed daily. • 2500 sqm land is available with the local body for waste processing and currently utilized for waste processing. • Composting:- Raw material processed:- 200 kg. Final product produced: under process. 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumping site 3.80/tpd. • land available 1 number of dumpsite available with the local body And number of dumping site available with the local body. 2500 sqm area of each such sites available for waste disposal. 2500 sqm area of land currently used for waste disposal. • Distance of processing facilities from city/town boundary 2.00 km, distance from habitation
------------------------	---	---	---	---	---	--

	containers utilized.			<ul style="list-style-type: none"> Quantity of waste transported each day 4/tpd. 100% of total waste transported daily. 		<p>2.00 Distance from water body 0.50 kms.0.50 kms. from national highway. 110 km from Airport and 2 km important religious places or historical mountains.</p> <ul style="list-style-type: none"> Quantity of waste landfilled each day- 3.80 tpd.
N.P Daulatpur.	<ul style="list-style-type: none"> Population 3763. Area 5.09 sqkm. Number of households in the city is 1014 and Non-residential premises in the city area 817 election/administrative wards 7. Estimated Quantity of solid waste generated in the local body area per day 1.28 tpd. Quantity of solid waste collected 1.28 tpd. Per capita waste collected per year-350 gm/day Door to Door:-D2D Collection of solid waste is being done in the city in 7 wards. 1014 nos. of households are covered and 817 	----	<ul style="list-style-type: none"> Bin less city. 	<ul style="list-style-type: none"> Waste transported through Tipping Truck 01, Rickshaw Rehri-7 Hand cart-5. Frequency of transportation of waste is daily. 1.28/tpd quantity of waste transported each day. 100% of total waste transported 	<ul style="list-style-type: none"> Solid waste processed 0.213 tpd. Composting pits ward wise technologies adopted. Composting:- Raw material processed:- 0.5. 	<ul style="list-style-type: none"> 1 number of dumpsite available with the local body. Area of each such sites available for waste disposal 1900 Sq.m. Distance of dumpsite/landfill facility

	<p>nos. of non-residential covered. 20.69 km Length of roads, street, lanes in the city.</p> <ul style="list-style-type: none"> Percentage of residential and non-residential premises covered in door to door collection is 20% in motorized vehicle and 80% in containerized tricycle/handcart. Tools used: Manual sweeping 100%. Long handle broom used by the sanitation worker and each sanitation worker is given handcraft/tricycle for collection of waste and the handcraft/tricycle is containerized and collection tool synchronizes with collection/waste storage containers utilized. 			daily.		from city/town 2.5 km.
NP Amb	<ul style="list-style-type: none"> Population 7234. Area-8.5 sq. km. Number of households in the 2378. Non-residential area 900 and election/administrative wards 9. Estimated Quantity of solid waste generated in the local body area per day 1.867 tpd. Quantity of solid waste collected 1.867 tpd. 200/gm/day per capita waste collected per year. Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards, 2378 households covered and 900 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered 	----	----	<ul style="list-style-type: none"> Waste transportation:- Tractor-1 (outsourced) and Dumper placers-Tricycle-9 Quantity of waste transported each day-2/tpd. 100% of total waste transported daily. 	<ul style="list-style-type: none"> Quantity of solid waste processed .637 tpd. Technologies adopted:- composting ward wise. 	<ul style="list-style-type: none"> 1 no of dumpsite available with the local body. 1900 Sq. m area of each such sites available for waste disposal.. Distance from dumpsite /landfill facility from city/town is 3 kms;

	<p>through 20% motorized vehicle and 80% other device.</p> <ul style="list-style-type: none"> • Frequency of street sweepings 80% • Manual sweeping 100%. Long Handle broom used by sanitation workers, handcart/ tricycle for collection of waste, handcart/tricycle is containerized and collection tool synchronizes with collection/waste storage containers utilized. 					
Gagret	<ul style="list-style-type: none"> • Population 3850 as per census + 1500 floating. • Area 3.80 sq. km. • Number of households in the 921. • Non-residential area 645 and election/administrative wards 7. • Estimated Quantity of solid waste generated in the local body area per day 1.05 tpd. • Quantity of solid waste collected 1.05 tpd. • 300/gm/day per capita waste collected per year. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards. 921 nos. of households are covered and 645 nos. of non-residential covered containerized tricycle/handcart 100%. • 10 km Length of roads, street, lanes in the city. • Frequency of street sweepings 100% daily. • Tools used: Brooms, Baskets. Manual sweeping 100%. Long Handle broom used by sanitation 	<ul style="list-style-type: none"> • Solid waste stored at source in segregated form. • Percentage of premises segregating the waste at source is 90% 	<ul style="list-style-type: none"> • Waste Storage depots: Dumpers • 5 nos. collection center. • Percentage of households is 100% and non-residential-100% • Total storage capacity of waste storage facilities are 12.95 cubic meters. • Total waste actually stored at the waste stort depots daily is 1.05 mt. 	<ul style="list-style-type: none"> • Waste transported. 2 or 3 (trip) Tippr-1no. • Tipping truck-1 (Ricshaw Rehri 8 and Hand carts-5. • Frequency of transportation of waste 100 %. • Quantity of waste Transported daily 1.05/tpd. • Technology used:- Wet waste goes to gaushala. Treatment is done through contractor. 	<ul style="list-style-type: none"> • Solid waste processed is 1.05 tpd. • .1911 hectares land transferred for SWM in Krishna nagar with the local body for waste processing. • .1911 hectares land transferred for SWM in Krishna nagar for solid waste processing facilities under construction. • Distance of processing facilities from 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumpsite/landfill 0.12/tpd. • 2% of non-residential premises dispose or throw solid waste on the streets. • Dumpsites available with the local body is 1 and disposal facility is 1. • 0.085 hectare area is available

	workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle containerized and collection tool synchronizes with collection/waste storage containers utilized.				<p>city/town is 3 km.</p> <ul style="list-style-type: none"> • Combustible waste supplied to cement plant is 7.080 MT. • 	<p>for waste disposal.</p> <ul style="list-style-type: none"> • Distance of dumpsite facility from the city/town 3 kms. • Distance from nearest habitation 3km. • Distance from water body is 6 km.
M.C Mehatpur.	<ul style="list-style-type: none"> • Population 9218. • Area 3.80 sq km. • Number of households in the city 2560. • Number of Non- residential premises in the city 666. • No of election/administrative wards 9. • Estimated Quantity of solid waste generated in the local body area per day 3.5 tpd. • Quantity of solid waste collected 3 tpd. • Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards. 2560 nos. of households are covered and 666 nos. of non-residential covered containerized tricycle/handcart 	<ul style="list-style-type: none"> • 100% premises segregating the waste at source. 	<ul style="list-style-type: none"> • 1 no. open waste storage site. • 100 % manual lifting of solid waste. 	<ul style="list-style-type: none"> • Waste transported in a segregated form. • 2 no. of trips made per day through tipping truck. • Quantity of waste transported each day 3/tpd. • 100% of total waste transported daily. 	<ul style="list-style-type: none"> • Solid waste processed daily. • Quantity of waste processed daily 0.5/tpd. • Treatment is done through contractor. • Land currently utilized for waste processing 1.5 canal. 	<ul style="list-style-type: none"> • 3 tpd solid waste disposed at dumpsite/landfill. • Distance of processing facilities from the city 2 km. • 1 no. of dump sites available with the local body. • Distance of dumpsite/

	<p>100%.</p> <ul style="list-style-type: none"> • 48 km Length of roads, street, lanes in the city. • Sweeping of streets is once in a day. • Frequency of street sweepings of population Covered on daily basis 65%, 15% of alternate days. 15 % twice a week. 5% occasionally. • Manual sweeping 100% . • Long handed broom used by the sanitation workers and each sanitation worker is given handcraft/tricycle for collection of waste and containerized. 					<p>landfill facility from city/town is 10 km.</p> <ul style="list-style-type: none"> • Distance from habitation 2km. • Distance from water body 1 km and from state and national highway is 2 km. • falls in flood prone area.
N.P Tahliwal.	<ul style="list-style-type: none"> • Population 3675. • Area 7.5 sqkm. • Number of households in the 937. • Number of non-residential premises in the city 425. • Number of election/administrative wards 7. • Estimated Quantity of solid waste generated in the local body area per day 0.03 tpd. • Quantity of solid waste collected 0.03 tpd. • Per capital waste collected 265 gm/day. • Door to Door: - D2D Collection 	<ul style="list-style-type: none"> • 80% premises segregating the waste at source. 	<ul style="list-style-type: none"> • 80% of households practice storage of waste at source in domestic bins. • 40% of non-residential premises dispose or throw solid waste on the streets. • No secondary waste storage facility. • 100 % 	<ul style="list-style-type: none"> • Waste transportation per day in 1 trip ward no. 7. • Quantity of waste transported 1.3/tpd. • 100% of total waste transported daily. 	<ul style="list-style-type: none"> • Quantity of Solid waste processed is .02/tpd. • Treatment is done through contractor. 	<ul style="list-style-type: none"> • Quantity of Solid waste disposed at dumpsite/landfill is .01/tpd • Land currently utilized for waste processing near ward no. 7 • Distance of processing

	<p>of solid waste is being done in the city in 7 wards. 937 nos. of households are covered and 457 nos. of non-residential covered.</p> <ul style="list-style-type: none"> • Percentage of residential and non-residential premises covered in door to door collection through containerized tricycle/handcraft 100%. • 17.00 km length of roads, streets, lanes, bye-lens in the city that need to be cleaned. • Manual sweeping 100%. • Frequency of street sweepings and 90% of population covered. Long handed broom used by the sanitation worker and each sanitation worker is given handcraft/tricycle for collection of waste and the collection of tool synchronizes with collection/waste storage container utilized. 		<p>mechanical (Tractor trolley 1 trip/day) lifting of solid waste from storage depots.</p>			<p>facilities from city/town boundary 1.5 km.</p> <ul style="list-style-type: none"> • Distance of dumpsite/landfill facility from city/town is 1.5km. • Distance from habitation 2km. • Distance from water body 1 km and from state and national highway is 1 km and from airport 127 km.
Hamirpur	<ul style="list-style-type: none"> • Population 17604. • Area 5.24 sq km. • Number of households in the 4350. Number of election/administrative wards 11. • Estimated Quantity of solid waste generated in the local body area per 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 100% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 75% of households practice storage of waste at source in domestic bins. 	<ul style="list-style-type: none"> • Solid waste is lifted from door to door and transported to treatment plant directly 	<ul style="list-style-type: none"> • 6.87 tpd solid waste processed. • Treatment is done through contractor • 0.065 	<ul style="list-style-type: none"> • 10% of households dispose or throw solid waste on the streets. • 5% of non-

	<p>day 6.87 tpd.</p> <ul style="list-style-type: none"> Quantity of solid waste collected 6.87 tpd. Per capital waste collected 300 gm/day. Door to Door: - D2D Collection of solid waste is being done in the city in 11 wards. 4350 nos. of households are covered. 2000 no of non-residential premises including commercial establishments, hotels, restaurant educational institutions/offices etc covered. Percentage of residential and non-residential premise covered in D2D collection through 100% Motorized vehicle and 10% containerized Tricycle/handcart. Manual sweeping 100%. Long handle broom, sanitation worker is given handcart/tricycle for collection of waste handcart/tricycle is containerized and collection tool synchronized with collection/waste storage containers utilized. 		<ul style="list-style-type: none"> 10% of non-residential premises practice storage of waste at source in commercial/institutional bins. 7.2 tpd storage capacity of waste facilities in cubic meters. 6.87 tpd total waste actually stored at the waste storage depots daily. Lifting of solid waste from storage depots is 100% manual. 	<p>in a segregated form:- Dry waste: RDF sent to cement plant. Wet waste process through 68 no composting pits.</p> <ul style="list-style-type: none"> Waste transported:- 6.87 tpd waste transported 14 nos. of vehicle are used d2d garbage collection & 2 trip for each vehicle for mandatory for collection of garbage. Dumper placers-1. Frequency of transportation waste is twice in a week. 6.87 tpd quantity of waste transported & 100% of total waste transported daily. 	<p>hectare land available with the local body for waste processing.</p> <ul style="list-style-type: none"> Distance of processing facilities from city/town:- 2km Technology:- OWC machine, wet waste convert to organic compost, manure. Composting :- Qty. final product produced:- compost. Qty. Sold:- 2700kg @ Rs.5. Vermi Composting :- Qty. raw material processed 68 nos. composting pits are used for vermin 	<p>residential premises dispose of throw solid waste on streets.</p> <ul style="list-style-type: none"> Dumpsites available with the local body is 1. 0.65 hectare area is available for waste disposal. 0.65 hectare area of land currently used for waste disposal. Distance from water body 1 km and from state and national highway is 4 km.
--	--	--	---	---	---	--

				<ul style="list-style-type: none"> • Treatment Technology:- Bailing machine Trommel machine OWC machine Shredder. 	<ul style="list-style-type: none"> • Qty. final product produced:- compost. • Qty. Sold:- 2700kg. • Refuse Derived Fuel:- Qty of Raw material processed:- 2.75 TPD. Qty. final product produced:- RDF Bundle. Co-processing qty of raw material processed. • Combustible waste supplied to Solid waste based power plants-RDF sent to ultra-cement plant Bagha. 	
M.C Sujanpur.	<ul style="list-style-type: none"> • Population 7943 as per census 2011. • Area 3.03 sq. km. • Number of households in the 1769 as per census 2011. • Number of election/administrative wards in the city/town 9. 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 100% approx..of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 80% of households practice storage of waste at source in 	<ul style="list-style-type: none"> • Solid waste is lifted from door to door and transported to treatment 	<ul style="list-style-type: none"> • Quantity of processed 3.10/tpd. • Technology adopted :- Wet waste convert to 	<ul style="list-style-type: none"> • 5% of households dispose or throw solid waste on the streets.

	<ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 3.10/tpd. • Quantity of solid waste collected 3.10/tpd. • Per capita waste collected per day:- 300/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards. 1769 nos. of households are covered and 620 no. of non-residential premises including commercial establishments, hotels, restaurants educational institutions/offices etc covered. • 100% of residential and non-residential premise covered in D2D collection through 100% Motorized vehicle and 10% containerized Tricycle/handcart. • 29.62 Km Length of roads, street, lanes in the city, that needs to be cleaned. • Manual sweeping 100%. Long handle broom, sanitation worker handcart/tricycle is containerized and collection tool synchronizes with collection/waste containers utilized. 		<p>domestic bins.</p> <ul style="list-style-type: none"> • 15% of non-residential premises practice storage of waste at source in commercial/institutional bins. • 3.4 tpd storage capacity of waste facilities in cubic meters. • 3.10 tpd total waste actually stored at the waste storage depots daily. • 100% manual lifting of solid waste from storage depots. 	<p>plant directly in a segregated form:- Dry waste: RDF sent to cement plant. Wet waste process through 68 no composting pits.</p> <ul style="list-style-type: none"> • Waste transported:- 3.10 tpd waste transported 3nos. of vehicle are used d2d garbage collection & 2 trip for each vehicle for mandatory for collection of garbage. • Dumper placer-1 • Frequency of waste transported of twice in a week. • 3.10 tpd quantity of waste transported & 	<p>organic compost, manure.</p> <ul style="list-style-type: none"> • Composting :- Qty of final product: compost. Qty sold 200 kg @ 5 Rs per kg. • Refuse derived fuel:- Qty raw material processed 1.24 tpd Qty of final product: RDF Bundle • Combustible waste:- RDF sent to ultratech cement plant Barga. 	<ul style="list-style-type: none"> • 5% of non-residential premises dispose of throw solid waste on streets. • 13 km distance of processing facilities from city/town boundary. • 1870 sqm site is available for waste disposal and area of land currently used for waste disposal. • Distance from water body is 3 km, State/national highway 10 km.
--	--	--	--	--	--	---

				<p>100% of total waste transported daily.</p> <ul style="list-style-type: none"> • Treatment Technology:- Bailing machine Shredder machine. • 1870 sqm land available with the local body for waste processing. 		
N.P Nadaun	<ul style="list-style-type: none"> • Population 4430 as per census 2011. • Area 2.5 sq km. • Number of households in the city/town 985 as per census 2011. • Number of election/administrative 687 wards in the city/town. • Estimated Quantity of solid waste generated in the local body area per day 1.81/tpd. • Quantity of solid waste collected 1.81/tpd • Per capital waste collected per day 300/ gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards and 985 nos. of households are covered and 687 no. of non-residential premises including commercial establishments, hotels, restaurants educational institutions/offices etc 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 100% approx.. of premises segregating the waste at source 	<ul style="list-style-type: none"> • 100% of households practice storage of waste at source in domestic bins. • 90% of non-residential premises practice storage of waste at source in commercial/institutional bins. • Storage capacity of waste facilities in cubic meters is 2 	<ul style="list-style-type: none"> • Solid waste is lifted from door to door and transported to treatment plant directly in a segregated form:- Dry waste: RDF sent to cement plant. Wet waste process through 8 no composting pits. • Waste transported:- 1.81 tpd waste transported 3 	<ul style="list-style-type: none"> • 1.81/tpd solid waste processed. • Treatment is done through contractor. • 5 Kanal land available with the local body for waste processing. • Distance from processing facilities from city/town:- 2 km • Technology adopted-OWC machine, wet waste covert to organic compost, manure. 	<ul style="list-style-type: none"> • 5% of non-residential premises dispose of throw solid waste on streets. • 5 Kanal site is available for waste disposal and area of land currently used for waste disposal. • Distance from water body is 1 km, State/national highway 4 km.

	<p>covered.</p> <ul style="list-style-type: none"> • 100% of residential and non-residential premise covered in D2D collection through 70% Motorized vehicle and 30% containerized Tricycle/handcart. • Manual sweeping 100%. Long handle broom, sanitation worker is given handcart/ tricycle for collection of waste handcart/ tricycle is containerized and collection tool synchronized with collection/waste storage containers utilized. 		<p>tpd.</p> <ul style="list-style-type: none"> • 1.81 tpd waste actually stored at the waste storage depots daily. • Lifting of solid waste from storage depots is 100% manual. 	<p>nos. of vehicle are used d2d garbage collection & 2 trip for each vehicle for mandatory for collection of garbage.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day: - 1.81/tdp • Treatment technologies:- Bailing machine Trommel machine OWC machine shredder. 	<ul style="list-style-type: none"> • Composting:- Qty raw material processed - 500 kgs. Final product:- compost. • Vermi composting:- Qty raw material processed:- 8 nos composting pits are used for vermin composting. • Refuse Derived Fuel:- Qty of Raw material processed:-.72 TPD. Qty. final produced RDF Bundle. • Co-processing:- Qty raw material processed. • Technology adopted :- Vehicle • Combustible waste RDF sent to ultratech cement 	
--	--	--	---	--	---	--

					plants-Bagha.	
N.P Bhota	<ul style="list-style-type: none"> Population 1453. Area 1.06 sq km. No. of households in city/town 300. Number of election/administrative 7 ward. Quantity of solid waste generated in the local body 500 kg. Quantity of solid waste collected 500 kg. Per capita waste collected is 300/gm/day. Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards and 300 nos. of households are covered and 250 no. of non-residential premises including commercial establishments, hotels, restaurants educational institutions/ offices etc covered. 100% of residential and non-residential premise covered in D2D collection through 90% Motorized vehicle and 10% containerized Tricycle/handcart. 2 km length of roads, street, lanes in the city, that needs to be cleaned. Manual sweeping 100%. Long handle broom, sanitation worker is given handcart/ tricycle for collection of waste handcart/ tricycle is containerized. 	<ul style="list-style-type: none"> Solid waste is not stored in a segregated form. 100% approx.. of premises segregating the waste at source 	<ul style="list-style-type: none"> 95% of household practice storage of waste at source in domestic bins. 95% of Non-residential premises practice storage of waste at source in commercial/institutions bins. Total storage capacity of waste facilities is .7 tpd in cubic meter. .5 tpd waste actually stored at the waste storage depots daily. Lifting of solid waste from storage depots in manual 100%. 	<ul style="list-style-type: none"> Waste transportation per day:- .5 waste daily transport to SWM Plant Bajoor nalah through 1 no. auto, 01 no trip. Frequency of transportation of waste daily 95% twice a week. Quantity of waste transported each day :- 0/tdp time to time RDF sent to ultra tech cement plant baga. 100 % of total waste transported daily. Treatment technologies:- Bailing machine OWC machine SUP shredder machine. 	<ul style="list-style-type: none"> Quantity of solid waste processed 500 kg. Treatment is done through contractor. 4 Kanal land available with the local body for waste processing. Solid waste processing facilities under construction:- 3no. compost pits. Distance:- Processing facilities 500 mtrs from main city. Technologies adopted:- Bailing machine OWC shredder machine. Composting:- Qty. of raw material 	<ul style="list-style-type: none"> 5% of household and non-residential premises dispose throw solid waste on the streets. Solid Waste disposal facilities:- Bajoor Nallah. Distance from water body is 1 km. Distance from important religious places or historical monument 200 meter.

					<p>processed:- 1 tone Qty of final product:- Compost.</p> <ul style="list-style-type: none"> • Vermi composting:- Qty raw material processed:- .5 tone. Qty of final product:- Compost. • Refuse Derived Fuel:- Qty of Raw material processed:- RDF sent 29.2 tone. Qty. final produced RDF Bundle. • Co- processing:- Qty raw material processed. • Combustible waste supplied to Solid waste based power plants-RDF sent to Ultra tech plant Bagha. 	
M.C	<ul style="list-style-type: none"> • Population 53543 as per 2011 	--Nil--	<ul style="list-style-type: none"> • Storage 	<ul style="list-style-type: none"> • Transportation 	<ul style="list-style-type: none"> • Quantity of 	<ul style="list-style-type: none"> • Quantity of

<p>Dharamshala.</p>	<p>census (71359 current population).</p> <ul style="list-style-type: none"> • Area 28.30 sq km. • Number of households in the city/town 10513. • Number of non-residential premises in the city 2939. • Number of election/administrative wards 17. • Estimated Quantity of solid waste generated in the local body area per day 21.77 TPD. • Quantity of solid waste processed 21.77 tpd • Quantity of solid waste collected 21.77 TPD. Per capital waste collected per day 300 gm/day. • Status of Solid waste Management:- Daily basis d2d collection, Road/street sweeping, disposal of wet and dry waste at solid waste management plant. • Door to Door: - D2D Collection of solid waste is being done in the city in 17 wards. 10513 approx. Household covered 2939 approx. non-residential premise covered in D2D collection. • 100% of residential and non-residential premises covered in d2d collection through motorized vehicle. • Sweeping of Streets:- Twice a day. • 166 km Length of roads, street, lanes in the city that need to be cleaned. 		<p>facilities</p> <p>Bin:- 105 location & 210 no.</p> <ul style="list-style-type: none"> • 191 person per bins. • Frequency of collection of waste from the depots daily 160 and alternate 80 and Twice a week 20 and once a week 10 & Occasionally 10. • Lifting of solid waste from storage depots in manual lifting 20% of solid waste and mechanical lifting 80% (crane mounted tipper's underground bin) 	<p>:</p> <p>Others (Auto & Jeep):-27.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste daily 70%, alternate 15%, Twice a week 10%, Occasionally 5%. • Quantity of transportation of waste 21.77/tpd. • 100% of total waste transported daily. • Treatment Technology used:- Bio Gas plant and 2 nos. MRF facility. 	<p>Solid waste processed 21.77 /tpd.</p> <ul style="list-style-type: none"> • 2.96 Hectare land available with the local body for waste processing (FCA case pending with DFO) • 2500 Sqm land currently utilized for waste processing. • Distance of processing facilities from city/town boundary:-2 km. • Composting, Raw material processed – 30 (ton) Final product produced – 20 (ton) • Bio-methanation:- <p>-</p> <p>Dharamshala Municipal corporation has been established 5</p>	<p>solid waste disposal at dumpsite/landfill:-1/tpd.</p> <ul style="list-style-type: none"> • 1 No. of dumpsite available with the local body of 2.96 Hectare which is 2 Km from city, 1.5 Km from nearest Habitation, 2 Km from water Body, 500 meter from National Highway, 17 Km from Airport and religious place or historical monuments 12 km. 4 ton waste landfill each day. Waste is covered by soil. Action Plan has been prepared
---------------------	--	--	--	---	--	---

	<ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population covered daily by 70 %, alternate days 5 % and twice a week 25% . • Tools used: Broom spades, rehires vehicle etc. Manual sweeping is 100%. Long handle broom used by sanitary workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle is containerized and collection tool synchronizes with collection/waste storage containers utilized. 				<p>MT bio-gas plant at ward no.- 13 during the inoculation phase of the plant 201 MT wet waste has been processed in this bio-gas plant. The end product of this processing is electricity and manure.</p> <ul style="list-style-type: none"> • Refuse derived fuel:- Agreement signed with Suntan life Pvt. Ltd. 	
MC Kangra	<ul style="list-style-type: none"> • Population 9528 (Census 2011). • Area 3.5 sq km. • Number of households in the city/town 1771. • Number of non-residential premises in the city 873. • Number of election/administrative 9 wards. • Estimated Quantity of solid waste generated in the local body area per day 4.5 tpd. • Quantity of solid waste 	--Nil--	<ul style="list-style-type: none"> • Lifting of solid waste from storage depots: 100 % of manual lifting. 	<ul style="list-style-type: none"> • Waste transported Through, 3 no. of vehicles (two trips) and 3 no. Mahindra pickup. • Quantity of waste transported 4.5 tpd. • 95% of total waste transported 	<ul style="list-style-type: none"> • Solid waste processed daily. • 4.5 tpd quantity of waste processed daily. • Treatment is done by outsource. • Land available for waste 	<ul style="list-style-type: none"> • quantity of solid waste disposal at dumpsite/land fill:-0.1/tpd • Distance of processing facilities from city/town boundary :- 3 km.

	<p>collected 4.5 tpd.</p> <ul style="list-style-type: none"> Quantity of waste disposed at dumpsite/landfill 0.5tpd Per capital waste collected 300gm/day. Status of Solid waste Management:- Daily basis d2d collection, Road/street sweeping, disposal of wet and dry waste at solid waste management plant. Door to Door: - D2D Collection of solid waste is being done in the city in 1 to 9 wards. No of households are covered 1771. Number of non-residential premises in the city 873 through 3% Motorized vehicle Frequency of street (3.570kms) sweepings and percentage of population covered daily by 70% alternate days 5, twice a week 25%. Tools used: Brooms, spade, Re-hired vehicles etc. manual sweeping 100%. Long Handle broom, each sanitation worker handcart/tricycle for collection of waste and handcart/ tricycle is containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized. 			<p>daily.</p> <ul style="list-style-type: none"> Waste Treatment Technologies used:- Wet waste processed through organic waste composting machine. Shredded dry waste has been sent to cement plant/anandita plastic recycling, remaining dry waste stored in segregated manner at MRF facility. 	<p>processing 3 Karnal.</p> <ul style="list-style-type: none"> land currently utilized for waste processing – 1500 Sqm Composting:- 2 tome raw material processed 0.1 ton final product produced (self-utilized by ULB). Combustible waste supplied to cement plant:- Single use plastic sent to Anandita recycling and cement plant. 	<ul style="list-style-type: none"> 1 no of solid waste dumpsite available with the local body and 1 km sanitary landfill site available with 1517.57sqkm area for waste disposal sites. Distance of dumpsite/land fill facility from city is 3 km Distance from city 3 km., distance from habitation 3 km., water body 3 km, state/national highway 2km, airport 12 km and from religious place or historical monuments:- Kangra fort 2.5 kms and Brijeshwari temple 1.5 Km
M.Corp. Palampur.	<ul style="list-style-type: none"> Population 40385. Area 31.59 sq km. Number of households in the 	--Nil--	Lifting of solid waste from storage depots:	<ul style="list-style-type: none"> Waste transported:- 1 no trip 	<ul style="list-style-type: none"> Solid waste processed daily. 	<ul style="list-style-type: none"> 1 no of solid waste dumpsite

	<p>city/town 10942.</p> <ul style="list-style-type: none"> • Number of non-residential premises in the city 1270. • Estimated Quantity of solid waste generated in the local body area per day 11 tpd. • Quantity of solid waste collected 11 tpd. • Per capital waste collected 300gm/day. • Status of Solid waste Management:- Daily basis d2d collection, Road/street sweeping, disposal of wet and dry waste at solid waste management plant. • Door to Door: - D2D Collection of solid waste is being done in the city in 1-15 wards. No of households are covered 10942. • Percentage of residential and non-residential premise covered 1270 in D2D collection motorized vehicle-13. • Sweeping of street:- Twice a day. • 30 km length of roads, streets, lanes, bye-lanes in the city that need to be cleaned. • Frequency of street sweepings and percentage of population covered daily by 70%, alternate days 5%, Twice a week 25%. • Tools used: Brooms, spade, Re-hired vehicles etc. manual sweeping 100%. 		<p>100 % of manual lifting.</p>	<p>made waste transported (13 no vehicle) and others 12 nos Mahindra pickup.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste:- Twice a week:- Twice as per required. Once a week-Daily basis, • 95% of total waste transported daily. • 11 tpd quantity of waste transported each day. • Waste Treatment Technologies used:- Wet waste processed through organic waste composting machine. Shredded dry waste has been sent to cement plant 	<ul style="list-style-type: none"> • 11 tpd quantity of waste processed daily. • Treatment is done by outsource. • Land available for waste processing 10 Karnal. • land currently utilized for waste processing – 2000 sqm. • Distance of processing facilities from city/town boundary is 3 km. • Composting:- 3 nos of organic waste composting machine available for capacity of 5.1 tpd (self utilized by ULB). • Combustible waste supplied to cement plant:- Single use plant sent to cement 	<p>available with the local body. 10 kanal area for waste disposal sites. Distance from city 3 km. distance from habitation 3 km., water bodies 500 m distance from state/ highway 3 km. distance from airport 39 km. and important religious place or historical monuments is 8 km.</p>
--	---	--	---------------------------------	---	--	--

				and remaining recyclable waste take way by waste.	plant.	
MC Nurpur	<ul style="list-style-type: none"> Population 9807 (census 2011). Area 4.75 sq km. Number of households 2160 in the city/town, 599 numbers of nonresidential premises in the city and 9 numbers of election/administrative wards. Estimated Quantity of solid waste generated in the local body area per day 4.43 t/day .Quantity of solid waste collected 4.43 tpd. Per capital waste collected per day 300 gm/day. Status of Solid waste Management:- Daily basis d2d collection, Road/street sweeping, disposal of wet and dry waste at solid waste management plant. Door to Door:- D2D Collection of solid waste is being done in the city in 9 wards, 2160 house hold and 591 non-residential area. Residential and non-residential premises covered in D2D collection through 4 no. Motorized vehicle and others 2 e-carts. Sweeping of streets-Twice a day. 22.31 km Length of roads, street, lanes in the city, that need to be cleaned. Frequency of street sweepings and percentage of population covered daily by 70 %, alternate days 5 %, Twice a week 	--Nil--	<ul style="list-style-type: none"> Lifting of solid waste from storage depots: 100 % of manual lifting. 	<ul style="list-style-type: none"> Waste transported. 2 no trips made. Non-tipping truck 1 no. and JCB/Loader-2 e-cart. Frequency of transportation of waste is twice as per required and daily basis. 4.43tpd waste transported each day. Frequency of transportation of waste is on daily basis is 90%. Waste treatment technology used:- Dry waste processed through shredder and sent to anandita plastic recycling 	<ul style="list-style-type: none"> Quantity processed is 2.60 tpd. Treatment :- Outsource 5 kanal land currently utilized for waste processing. Land currently utilized for waste processing 0-18-50 sqm. Distance of processing facilities from city/town:- 3km. Combustible waste supplied to cement plant:- Single use plastic sent to anandita plastic recycling kandrori. 	<ul style="list-style-type: none"> 1 no. of dumpsite available with the local body. 3 no. of sanitary landfill site available with the local body. 1800 Sqm area is available for waste disposal site. Distance from city/town is 3 km. from habitation 3 km, water body 3 km. from national highway 500 m and airport 50 km aznd from religious

	<p>25%.</p> <ul style="list-style-type: none"> • Tools used: Broom, spades, rehires vehicle is used. 100% manual sweeping. Long handle broom and handcart/tricycle is containerized and collection tool synchronizes with collection/waste storage containers utilized. 			kandrori/ cement plant.		place and historical mouments :- Nurpur fort 3 km.
MC Nagrota	<ul style="list-style-type: none"> • Population 5900 as per census 2011 (10672 estimated 2024). • Area 3.54 sqkm area. • Number of households 1696 in the city/town and 7 numbers of election/administrative wards. • 977 non-residential premises in the city. • Estimated Quantity of solid waste generated in the local body area per day 1.77 tpd. Quantity of solid waste collected 1.77 tpd. Per capital waste collected per day 250gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 1696 house hold and 977 non-residential area. • Residential and non-residential premises covered in D2D collection through Motorized vehicle 50%, containerized tricycle/handcart 40% and other device 10%. • 39.808 km Length of roads, street, lanes in the city, 100% manual sweeping. • Long handle broom used by 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 100 % of premises segregating the waste at source. • Dustbin free (Because all the bins have been removed in municipal council limits Nagrota Bagwan). 	<ul style="list-style-type: none"> • 100% of households practice storage of waste at source in domestic bins. • 90% of non-residential premises practice storage of waste at source in commercial/institutional bins 	<ul style="list-style-type: none"> • Lifted from d2d and transported to treatment plant directly in a segregated form:- Yes in this regard 30 safai karamchari have been deputed. • Waste transported:- Through tipping trucks 1, three wheelers-1, e-richshaw-2. • Frequency of transportation of waste is on daily basis 90%. • Quantity of waste transported each day 1.77 tpd. • Treatment 	<ul style="list-style-type: none"> • Quantity processed is 1.77 tpd. • Solid waste processed daily. • Treatment technologies: - By M.C nagrota bagwan itself. • 183.23 sqm land available with the local body for waste processing • No land is available and utilized for waste processing, proposal has been made. 	<ul style="list-style-type: none"> • Distance from national highway 500 kms away from NH, from airport-18 kms, important religious place or historical monuments.

	<p>sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle is containerized are provided to sanitary workers.</p>			<p>Technologies used:- One OWC machine & one shredder have been installed.</p> <ul style="list-style-type: none"> • Composting:- OWC machine has been installed. • Refuse derived fuel:- All the refuse derived fuel have been sent to cement factory. • Combustible waste supplied to cement plant- 46.3 MT. 		
MC Dehra	<ul style="list-style-type: none"> • Population 4816. • Area 3.26 sq km. • Number of households 1221, • Estimated Quantity of solid waste generated in the local body area per day 1.5 tpd. Quantity of solid waste collected 1.4 tpd. Per capital waste collected per day 300 gm/day, • Status of Solid waste Management service:- D2D garbage collected through sanitation worker & garbage contractor. • 90% segregation all 7 wards. • Door to Door:- D2D Collection of solid waste is being done in the 	<ul style="list-style-type: none"> • Solid waste is stored at source at source in a segregated form. • 80 % of premises segregating the waste at source. • 100% manual lifting of solid waste from storage depots. 	<ul style="list-style-type: none"> • 70% of households practice storage of waste at source in domestic bins. • 70% of non-residential premises practice storage of waste at source in commercial/institutional bins 	<ul style="list-style-type: none"> • Waste transportation per day 2 no vehicles. • Frequency of transportation of waste is daily 90% and alternate days 10%. • Quantity of waste transported each day:- Time to time 	--Nil--	<ul style="list-style-type: none"> • Solid waste disposed at dumpsite/landfill is 1 tpd. • 2% households dispose or throw solid waste at source in domestic bins. • 2% non-households dispose or throw solid

	<p>city, 1221 house hold and 535 non-residential area. No of wards covered 7.</p> <ul style="list-style-type: none"> Residential and non-residential premises covered in D2D collection through Motorized vehicle 80%, others 20% . Long handle broom used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle is containerized are provided to sanitary workers. 100% manual sweeping. 			<p>RDF sent to cement factory darlaghat.</p> <ul style="list-style-type: none"> 90% of total waste transported daily. Waste treatment Technology:- Bailing machine trammel machine owc machine shredder. Treatment is done through contractor. Combustible waste supplied to solid waste based power plants:- Bagha. Other 283 tons till date 		<p>waste at source in domestic bins.</p> <ul style="list-style-type: none"> 1 no of dumpsite available with the local body. Distance of dumpsite facility from city .5 km, from nearest habitation .5 km, from water body .5 km.
MC Jawalamukhi	<ul style="list-style-type: none"> Population 5361 (as per 2011 census). Area 4.52 sqkm. Number of households in the city/town 1428. Number of non-residential premises in the city is 526. Number of election/administrative wards in 7 	<ul style="list-style-type: none"> Solid waste stored at source in a segregated form. 70% of premises segregating the waste at source. 	<ul style="list-style-type: none"> Bin less city. 75% of households practice storage of waste at source in domestic bins. 	<ul style="list-style-type: none"> Quantity of waste processed each day 3.1/tpd. Waste transported. 03no. of 	<ul style="list-style-type: none"> Solid waste is processed and 2.50/tpd quantity of waste processed daily. 	<ul style="list-style-type: none"> 25% households dispose or throw solid waste at source in domestic

	<p>wards.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 3.1/TPD. Quantity of solid waste collected 3.1/ tpd. Per capital waste collected per day 300gm/day. • Door to Door: - 98 % D2D Collection of solid waste is being done in the city in 7 wards, 1428 house hold and 526 of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/ office covered. • Residential and non-residential premises covered in D2D collection through 60% and Motorized vehicle 30%, containerized tricycle/handcraft 10%. • 28.70 km Length of roads, street, lanes in the city, 100% manual sweeping. • Frequency of street sweeping and percentage of population covered is 80% daily, 10 % alternate, 5% twice and 5% occasionally. • 100% manual sweeping. Long handle broom and handcart/tricycle is containerized are provide. 	<ul style="list-style-type: none"> • Lifting of solid waste from storage depots is 100% manual lifting. 	<ul style="list-style-type: none"> • 60% of non-residential premises practice storage of waste at source in commercial/inst itutional bins. • 8.20 cum storage capacity of waste storage facilities cubic meters. • Waste storage depot:- Secondary storage point is used as transferring station only and waste is stored only in extreme circumstance during navratas etc. 	<p>vehicles, Tata 709-1, Jeet tralla-2.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day-3 ton. • 98% of total waste transported daily. • Treatment Rechnology:- Bailing machine, OWC machne, Shredder machine. 	<ul style="list-style-type: none"> • Treatment is done through local body. • 0-25-70 Hectare is land available with the local body for waste processing. • Solid waste processing facilities in operation:- Bailing machine, OWC, Shredder, composting pits. • Solid waste processing facilities from city/town:- MRF Shed, Storage Shed etc. • Distance of processing facilities from city/town boundary:- 9.0 km. • Technology adopted:- For wet waste processing OWC machine is 	<p>bins.</p> <ul style="list-style-type: none"> • 40% non-households dispose or throw solid waste at source in domestic bins. • 0-25-70 hectare land available for waste disposal. • Distance from city 9.00 km.
--	--	--	---	---	--	---

					<p>installed, composting pits are also there for wet waste processing. Dry waste is being shredded and bailed at site and then it is sent to cement plant for further processing.</p> <ul style="list-style-type: none"> • Composting:- 2 ton. 	
NP Bajnath Paprola	<ul style="list-style-type: none"> • Population 17382. • Area 863.62 hector Number of households 4020 in the city/town, no. of non-residential premises is 1246. 11 number of election /administrative wards in the city/town. • Quantity of Solid waste generated is 4.5 tpd; solid waste collected is 4 tpd; Per capita waste collected per year is 2.50/gm/day. • Status of Solid waste Management Services:- Daily basis d2d collection and Road/ streets weeping. Disposal of wet waste is processed at ward no 06 in composting pits and through drum composter installed at kheer gangaghat and dry waste processed through bailing machine/shredder machine. • Door to door collection is being 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 70 % of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Bin-less city. • All wards covered with door to door garbage collection hence there is no bin placed in NP bajnath Paprola. • Lifting of solid waste from storage depots in manual lifting 100%. 	<ul style="list-style-type: none"> • Separate vehicle used for dry and wet waste. • Waste transportation through 2 Nos. Tractors and 6 Nos. Auto. • 4.5 tpd of waste transported each day. • 95% of total waste transported daily. • Technology adopted:- Wet waste 	<ul style="list-style-type: none"> • Solid waste is processed daily. • 4.5 tpd of waste processed daily. • Treatment is done by through outsource. • Land available with the local body for waste processing :- Burli kothi 26 karnal. • Land currently utilized for waste processing:- 	<ul style="list-style-type: none"> • 1858 sqm area of the as such site available for waste disposal sites. • Distance of dumpsite from city 2 km. distance from nearest habitation is 1.5km. 500 mtr from water body, from national highway is 3 km, from airport 60km, from religious place or historical

	<p>done in the city in all 11 wards.no. of household covered is 4020 and 1246 no. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/office etc. covered.</p> <ul style="list-style-type: none"> • Through Motorized vehicle is 30%, and containerized tricycle/handcart 50% is other device 20%. • Manual 100% sweeping is done. • 8 km length of roads, streets, lanes, bye-lens in the city that need to be cleaned. • Tools used:- Bram, Spades, Rehires vehicle etc. • Long Handle broom and handcart/tricycle for collection of waste, handcart/tricycle is containerized. 			<p>processed through composting pits/Drum composter and bio-diester machine and gaushala. Dry waste bailed/shredder and sent to cement plant regularly.</p>	<p>Mini sec. campus for dry waste and ward 06 composting pits and kheer ganga ghat site through biodiester machine and drum composter.</p> <ul style="list-style-type: none"> • 500 mtr distance of processing facilities from city/town boundary. • Technology adopted:- Shredder machine and bailing machine for dry waste and biodiester and composting pits/drum composter for wet waste. • Composting:- Self utilization. • Refuse derived fuel: RDF sent to cement plant. • Combustible waste supplied 	<p>monuments</p>
--	---	--	--	---	---	------------------

					to cement plant:- RDF waste to sent to cement plants.	
NP Jawali	<ul style="list-style-type: none"> • Population 7342. Area 5.42 sqm area. • Number of households 1572 in the city/town, 720 no. of non-residential premises in the city. 9 numbers of election/administrative wards. • Estimated Quantity of solid waste generated in the local body area per day 3.46 tpd. Quantity of solid waste collected 3.46 tpd. Per capital waste collected per day 300 gm/day. • Status of solid waste management:- Daily basis d2d collection and road/street sweeping. Disposal of wet and dry waste at solid waste management plant. • Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards. no. of household covered is 1572 and 720 no. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/ office etc. covered. • Through Motorized vehicle is 3 vehicle and containerized tricycle/handcart 8. • Street sweeping is done twice a day. 8 km Length of roads, street, lanes in the city, that need to be cleaned. Frequency of street 	--Nil--	<ul style="list-style-type: none"> • Lifting of solid waste from storage depots: 100 % of manual lifting. • Lifted from door to door and transported to treatment plant directly in a segregated form. 	<ul style="list-style-type: none"> • Waste transported 1 no of tractor with trolley, 2 jeep and 8 no. rehired vehicles. Frequency of transportation of waste is daily. • Quantity of waste transported each day 3.46 tpd per day. • 100% of total waste processed daily. • Treatment Technology:- 25 no of pits composting. 	<ul style="list-style-type: none"> • 3.46 tpd of waste processed daily. • Treatment is done by outsource. • 00-27 hect. Land is available. • Land is on rent basis. • Composting 25 no's of pi composting and compost self-utilized by NP Jawali. 	<ul style="list-style-type: none"> • 1 no. of sanitary landfill sites available with the local body. • Distance of dumpsite/land fill facility from city/town-15 kms. • Distance from water body is 100 meters, from national highway 5 km and from airport is 45 km.

	<p>sweepings and percentage of population covered daily by 70%, alternate days 5%, Twice a week 25%.</p> <ul style="list-style-type: none"> • Tools used: Bram, spades, Rehires vehicle etc. • Manual 100% sweeping is done. • Handle broom and handcart/tricycle is containerized are provided to sanitary workers. 					
NP Shahpur	<ul style="list-style-type: none"> • Population 4491 as per census 2011 • Area 4.45 sqm • Number of households in the city/town 1123 • Number of non-residential premises 610 • Number of election/administrative wards in the city/town 9. • Estimated Quantity of solid waste generated in the local body area per day 1.57 tpd. Quantity of solid waste collected 1.57 tpd. Per capital waste collected per day 350 gm/day. • Status of solid waste management service:- Daily basis d2d collection and road/street sweeping. Disposal of wet and dry waste at solid waste management plant Kangra. • D2D collection being done in the city in 1-7 wards, 4491 households and 619 non-residential premises done through 52 vehicle by Motorized vehicle, 5 containerized vehicle/handicraft. • Sweeping of streets twice a day 	--Nil--	<ul style="list-style-type: none"> • Lifting of solid waste from storage depots: 100 % of manual lifting. 	<ul style="list-style-type: none"> • Waste transported by 2no. pickup and no 5 no rehires. • 1.57 tpd waste transported daily. • Total waste transportation daily 95%. 	<ul style="list-style-type: none"> • 1.57 tpd (sent to SWM plant kangra) of waste processed daily. • Treatment Technology:- Mou with MC Kangra. • Land currently utilized for waste processing:- Land transfer case under process. 	<ul style="list-style-type: none"> • No dumpsite available with the local body. • No sanitary landfill site available with the local body.

	<p>2.50 km Length of roads, street, lanes in the city, that need to be cleaned. Frequency of street sweepings and percentage of population covered daily by 70%, alternate days 5%, Twice a week 25%.</p> <ul style="list-style-type: none"> • Tools used: Bram, spades, Rehires vehicle etc. • Manual 100% sweeping is done. • Handle broom and handcart/tricycle is containerized are provided to sanitary workers. 					
MC Chamba	<ul style="list-style-type: none"> • Population 19933 (2011 census) with the area of 4.33 KM area in. Number of households 5068 in the city/ town and number of election/ administrative 11 ward and number of non-residential premises in the city 2153. • Estimated Quantity of solid waste generated in the local body area per day 7.5 ton/day .Quantity of solid waste collected 7.5 ton/day. • Per capital waste collected per day 300 gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 11 wards, 5068 households covered and 2153 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 100% other device. • Sweeping of streets is daily. • Frequency of street sweepings and percentage of population covered 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 70% premises segregating the waste at source. 	<ul style="list-style-type: none"> • Solid waste is stored at source in domestic/ commercial/institutional bins. • Percentage of households practice storage of waste at source in domestic bins is 95%. • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. 	<ul style="list-style-type: none"> • Wet and dry waste are transported separately to treatment plant • 4 to5 No. trips daily (Pickup Vans). • 100% of waste transported daily. • 7.5/tpd waste transported each day. 	<ul style="list-style-type: none"> • 7.5/tpd of waste processed daily. • 0.28 hectare land available with the local body for waste processing. • Solid waste processing facility in operation: compost pits, OWC, MRF • Distance of processing facilities from city/town boundary is 15 Kms. • Composting:- Raw material processed:- 3tpd. 	<ul style="list-style-type: none"> • Percentage of household dispose or throw solid waste streets is 5%. • 1 no. of Solid waste disposal facilities • 1 no. of dumpsite available with local body. • Area of the as such site available for waste disposal sites: 3.5 Bigha. • Distance:- which is 15 Km from city/town.

	<p>daily is 100%.</p> <ul style="list-style-type: none"> 100% manual sweeping by long handled broom and collection tool synchronizes with collection/waste storage containers utilized. 100% manual lifting of solid waste from storage depots. 				<p>Qty final product produced:- 1 tpd</p> <ul style="list-style-type: none"> 40 ton Combustible waste supplied to cement plant. 	<ul style="list-style-type: none"> 1kms distance from nearest habitation, 200mtrs distance from water body, 100mtrs distance from national highway.
MC Dalhousie	<ul style="list-style-type: none"> Population 7051 (2011 census). Area 6.57 sq area in. Number of households 1420 in the city/town, Non-residential 170 numbers and number of election/administrative 9 ward. Estimated Quantity of solid waste generated in the local body area per day 3 tpd. Quantity of solid waste Collected: 3 tpd. Per capital waste collected per day 330 gm/day. Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards 1420 household and 170 non-residential premises are covered through 100% motorized vehicle. Sweeping of street is done residential area-once a day, commercial area-twice a day. 56.5 km Length of roads, street, lanes in the city, that needs to be cleaned. 	<ul style="list-style-type: none"> Solid waste is stored at source in segregated form 100% of segregating the waste at source. 	<ul style="list-style-type: none"> Percentage of households practice storage of waste at source in domestic bins is 100%. 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. 	<ul style="list-style-type: none"> Waste transported. Through 20 trips per day truck and pick up vans. 3 /tpd waste transported daily. Quantity of waste transported each day 100% of total waste transported daily. Treatment Technology:- OWC, Plastic Shredders, Bailing machine and Sanitary waste incinerator. 	<ul style="list-style-type: none"> 3 tpd of waste processed daily Treatment is done by agency 0.089 hect. Land available with the local body for waste processing. 500 sqm land currently utilized for waste processing. Solid waste processing facility in operational:- Compost pits, OWC, MRF, 	<ul style="list-style-type: none"> 3 tpd solid waste disposed at dumpsite/landfill. 1 no of dumpsite and dumpsite is available. 0.89 hectare Land is available with the local body. Distance from city/town is within city is 2 km Distance from habitation 1 km.

	<ul style="list-style-type: none"> • Tools used: shovel, broom etc. 100% manual sweeping is done. • Long handle broom used by sanitation worker and the collection tool synchronizes with storage container utilized. 				<ul style="list-style-type: none"> • Bailing machine, Incinerator. • Distance of processing facilities-2 KM. • Composting :- Raw material processed:-2 tpd Qty final product produced:-.8tpd. • Refuse Derived Fuel:- Raw material processed:- .8 tpd Qty final product produced:-8tpd • Combustible waste supplied to cement plant-8 ton. 	
NP Chowari	<ul style="list-style-type: none"> • Population 3770 as per census 2011. • 4.5 sq km area. • Number of households 1164 in the city/town and non-residential premises are 225 approx. • 07 no. of election/administrative 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form • 70% of segregating the waste at source 	<ul style="list-style-type: none"> • Percentage of households practice storage of waste at source in domestic bins 	<ul style="list-style-type: none"> • Wet and dry waste are transported separately to treatment plant. • 20 trips daily 	<ul style="list-style-type: none"> • 0.5 tpd quantity of waste is processed daily • 0.35 hectares land 	<ul style="list-style-type: none"> • Distance of dumpsite facility from city/town is approx.2 km. • .35 hec. Area of such sites

	<p>wards in the city/town.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 0.5 tpd • Quantity of solid waste collected 0.5 tpd. • Per capital waste collected per year 250/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 1164 approx. household and 225 non-residential premises are covered through 100% motorized. • Sweeping of street is done residential area-once a day, commercial area-twice a day. • 100% manual sweeping. • 15 km Length of roads, street, lanes in the city, • Tools:- Long Handle broom is provided to sanitary workers and the collection tool synchronizes with storage container utilized. 		<p>is 90%.</p> <ul style="list-style-type: none"> • 100% of non-residential premises practice storage of waste at source in commercial/institutional bins. 	<p>through pickup vans (Pickup).</p> <ul style="list-style-type: none"> • Requency of transportation of waste :- daily 100%. • Quantity of waste transported .5 tpd. • 100% total waste transported daily. • Treatment Technology:- OWC, Plastic Shredder, Bailing machine. 	<p>available with the local body for waste processing.</p> <ul style="list-style-type: none"> • Land currently utilized for waste processing is .35 hectares. • Solid waste processing facilities in operation : (compost pits OWC, and Bailing machine.). • Composting :- Raw material processed:-.3 tpd. Qty final product produced:- .07 tpd 	<p>available for waste disposal.</p> <ul style="list-style-type: none"> • 1.3 km distance from nearest habitation, 600mtrs distance from water body, 2 km distance from national highway.
Cantonment Board Jutogh	<ul style="list-style-type: none"> • Population 2062. • Area 1.4151 sq.km. • Number of households 677 in the city/town, 20 numbers of non-residential premises in the city and 2 numbers of lection/administrative wards. • Estimated Quantity of solid waste generated in the local body area 0.7/tpd. Quantity of solid waste 	<ul style="list-style-type: none"> • 100% storage depots have facility for the storage of segregated waste in green bins 13 nos. blue bins 13nos. • 13 no. cement concrete cylinder bins. • 12 no. covered metals/plastic 	<ul style="list-style-type: none"> • No of bins placed 25 nos. total volume of bins paced. Bin/population ratio 1:82. Total storage capacity of waste storage facilities in cubic meters 500 Kg to 800 	<ul style="list-style-type: none"> • Waste transported. 1 pick-up jeep Mahindra and 1 or 2 number of trips made. • Frequency of transportation of waste is on daily 100% basis. 	<ul style="list-style-type: none"> • Solid waste processed daily and quantity processed daily 0.7. • Garbage collected from Cantonment Board Jutogh deposited at 	<ul style="list-style-type: none"> • No dumping site.

	<p>collected 0.7/tpd.</p> <ul style="list-style-type: none"> Per capital waste collected 0.339/gm/tpd. 0.7 solid waste processed. Door to Door: - D2D Collection of solid waste is being done in the city in 2 wards, 677 house hold. Residential and non-residential premises covered in D2D collection through motorized vehicle Mahindra Pick-up Long 100%. Frequency of street sweepings and percentage of population covered daily by 100 %. Tools used: <ul style="list-style-type: none"> 100% manual sweeping. Handle broom used by sanitation The collection tools synchronizes with storage containers utilized. 	containers.	<p>Kg.</p> <ul style="list-style-type: none"> Lifting of solid waste from storage depots: 100 % of manual lifting. Solid waste is lifted from door to door and transported to treatment plant directly in a segregated form. 	<ul style="list-style-type: none"> Quantity of waste transported each day 0.7 tpd. 100% of total waste transported daily. 	MC Shimla plant.	
Cantonment Board Kasauli	<ul style="list-style-type: none"> Population 3885. Area in 2.61 Acre. Number of households 460 in the city/town. Number of election/administrative 6. Estimated Quantity of solid waste generated in the local body area per day 15-20/tpd. Quantity of solid waste collected 15-20/tpd. Per capita waste collected per day 2.5/gm per day. Status of Solid Waste Management:- Bio-degradable & non bio-degradable. Door to Door: - D2D Collection 	<ul style="list-style-type: none"> Solid waste is stored at source in a segregated form. 70% of premises segregating the waste at source. 	<ul style="list-style-type: none"> 100% households practice storage of waste at source in domestic. Cement concrete cylinder bins 70 nos. and covered metal containers 35 no (covered tin bins). Total storage capacity of waste storage facilities in cubic meters-1.5 per day. 	<ul style="list-style-type: none"> Waste transported- type and number of vehicles used Tata Ace. Quantity of waste transported each 1.5/Tpd. Percentage of total waste transported daily 1.5/tpd. 	<ul style="list-style-type: none"> 1.5/tpd of waste processed daily. Treatment is done through agency. Distance of processing facilities from city/town boundary:- 150 mtr 	<ul style="list-style-type: none"> 1.5/tpd solid waste disposed at dumpsite/landfill. 1 number of dumpsite available with the local body. Distance of dumpsite/in cinerator from city/town is 30 km. Distance from

	<p>of solid waste is being done in the city in 6 wards.</p> <ul style="list-style-type: none"> • 460 house hold covered and 2no. of non-residential premises including commercial establishments, hotels, restaurants educational institutions/offices etc covered. • Residential and non-residential premises covered in D2D collection through Motorized vehicle 100%. • Sweeping of street 100%. 15.475km Length of roads, street, lanes in the city, that need to be cleaned. • 100% manual sweeping. • Long handle broom is provided to sanitary workers. The collection tool synchronizes with collection/waste storage containers utilized. 		<ul style="list-style-type: none"> • Total waste actually stored at the waste storage depots daily 1.5 ton per day. • Frequency of collection of waste from the depots is daily, 105 no. of bins. • Lifting of solid waste from storage depots 100 % of manual lifting. 			<p>from habitation 0.3 km, water body 1.5 km. distance from state/highway 12 km and distance from religious places is .5 kms.</p> <ul style="list-style-type: none"> • 1.5/tpd Quantity of landfilled each day.
Cantonment Board Yol	<ul style="list-style-type: none"> • Population: 12028 • Area 3.06 sq. km • Total quantity of waste generated 1.2m tonne and 300 gm per day per capita waste collected per day. • Number of households 1582 in the city/town. • Number of nonresidential premises in the city 25. Number of election/administrative ward in the city 7. • Frequency of collection of waste from the depots is daily. 68 Nos. bins cleared. 	<ul style="list-style-type: none"> • Not being segregated. • Method of primary collection adopted: through garbage bins located at different places of Cantt. Area. 	<ul style="list-style-type: none"> • Waste Storage depots: 450 no of open waste storage depots. 68 nos. masonry bins. Up to 2 to 5 m³ bins is 68 Nos Masonry bins. • 330 nos. of bins placed. • 60% waste actually stored at the waste storage depots daily. 	<ul style="list-style-type: none"> • Waste transported Through 2 tipping truck and 1 dumper placer. 4 numbers of trips made. • 100% manual lifting of solid waste. • 1.2 mt of waste transported each day. • 100% of total 	<ul style="list-style-type: none"> • Solid Waste Management facilities. Pit technology and soil filling. • 3-75-00 land is available with the local body for waste processing. • Equipment used at dumpsite site jcb 	<ul style="list-style-type: none"> • 1 number of dumpsite available with the local body. • Distance from city/town 1 km. 1 km from habitation. 100 mtr from water body. 500 mtr from, state/nation

				waste transported daily.	available by hiring. • Frequency of covering the waste deposited at dumpsite is 1 month.	al highway. • 1.2 ton quantity of waste dumpsite each day.
Cantonment Board Dalhousie	<ul style="list-style-type: none"> • Population 3549. • Area in 4.0812547 sq. km. • Number of households 146 + Military residential establishments in the city/town. • Number of election/ administrative 6. • Estimated Quantity of solid waste generated in the local body area per day 0.2/tpd. • Quantity of solid waste collected 0.2/tpd. • Per capita waste collected 600 gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city in 6 wards, 146 house hold. Residential and 1 hotels/restaurant, 1 educational institute, 1 office complex, 6 shops. • Percentage of residential and non-residential premises covered in door to door collection through Motorized vehicle 100% • 8km Length of roads, length of path and lanes 2.07 km, length of drains 3950 m, length of nullah 800 mtr. Frequency of street sweepings and percentage of population covered daily 100%. 	<ul style="list-style-type: none"> • Segregation and storage of waste at source-Yes. • 100% solid waste is stored at source in a segregated form. 	<ul style="list-style-type: none"> • 100% of households practices storage of waste at source in domestic bins. • Waste Storage depots 16: Metallic covered storage bins. (2 & 4 quintals bearing capacity). • 15 PVC covered bins of 120 liters each. • 12 no. of bins placed. • 03 cubic meter each bins placed. • 3 quintals approx. waste actually stored at waste storage depots daily. • Lifting of solid waste from 	<ul style="list-style-type: none"> • Frequency of transportation of waste daily 100%. • Quantity of waste transported each day 0.3 tpd. • 100% of total waste transported daily. • Treatment Technology:- MRF (material recovery facility and composting. 	<ul style="list-style-type: none"> • Solid waste processed. • 0.3 tpd quantity of waste processed daily. • 0.038 hectare land available with the local body for waste processing. • Distance of processing facilities from city/town boundary. • Composting :-1 tpd. 	<ul style="list-style-type: none"> • 0.038 hectare area of each such site available for waste disposal. • 0.020 hectare area of land currently used for waste disposal. • Distance of dumpsite/landfill from city/town 0.3kms • Distance from nearest habitation 1km • Distance from state/national highway 10kms

	<ul style="list-style-type: none"> • Tools used manual: 100% manual sweeping. • Long handle broom is provided to sanitary workers and the collection tool synchronizes with collection/waste storage containers utilized. 		<p>storage depots is 100 % manual.</p>			
Cantonment Board Bakloh	<ul style="list-style-type: none"> • Population 1805. • Area in 2.9392009 sq.kms. • Number of households 214 in the city/town. • Number of nonresidential premises in the city 5-6. Number of election/administrative ward in the city 2. • Quantity of solid waste generated in the local body area per day 1.2qtl/day. • Quantity of solid waste collected 1.2qtl/day. • Quantity of solid waste disposed at landfill/dumpsite 1.2qtl per alternate day. • Door to Door: - D2D Collection of solid waste is being done in the city in 2 wards. • Total length of road, lanes in the city 7.06 km Frequency of street sweepings and percentage of population covered Alternate days 100%. • Tools used: manual: 100% manual sweeping. • Long handle broom is provided to sanitary workers the collection tool synchronizes with collection/waste storage 	<ul style="list-style-type: none"> • Storage depots have facility for storage of segregated waste in green and blue bins. 	<ul style="list-style-type: none"> • 60% of household practice storage of waste at source in domestic bins. • 16 metallic covers storage bins (2 & 4 qtl bearing capacity) waste storage depots in the city/town. 	<ul style="list-style-type: none"> • Through 1 no. vehicle waste transported. • Quantity of waste transported each day 1.2 qtl./day • 100% of total waste transported daily. 	<ul style="list-style-type: none"> • 1½ qtl/day quantity of waste transported per day. • Composting 150-170 kgs. • Land currently utilized for waste processing is (approx. 100 Mtrs X 100 Mtrs). 	<ul style="list-style-type: none"> • 1 number of dumpsite available with the local body. • Approx. 100 mtrs x 100 mtrs available with the local body for waste disposal. • Distance from city/town is 1.5 km. From habitation 1.5 km, Distance from state/highway 10 km, distance from important religious places or historical monument 2kms. • There is no water body exit in the area.

	containers.					
Cantonment Board Subathu	<ul style="list-style-type: none"> Population 3685. Area in 2.3 km². Number of households 700 in the city/town. Number of non-residential premises in the city 130. Number of election/administrative 6. Quantity of solid waste generated in the local body area per day 1.1 tpd. Quantity of solid waste collected 1.1 tpd. Per capita waste collected per day 300/gm/day. Door to Door: -100 % D2D Collection of solid waste is being done in the city 6 wards. 700 number of households covered and 130 number of non-residential premises including commercial establishments, hotels, restaurants educational institutions/ offices etc covered. Door to door collection through other device 100 %. Sweeping of street 100%. 4 km Length of roads, street, lanes in the city, that need to be cleaned. 100% manual sweeping. Long handle broom is provided to sanitary workers. 	<ul style="list-style-type: none"> Solid waste is stored at source in a segregated form. 70% premises segregating the waste at source. 	<ul style="list-style-type: none"> 100% of households practices storage of waste at source in domestic bins. 100% of non-residential premises practice storage of waste at source in domestic bins. Frequency of collection of waste from the depots daily 100%. 1.1 tpd waste transported each day. 	<ul style="list-style-type: none"> Frequency of transportation of waste daily 100 %. Quantity of waste transported each day 1.1/tpd. 100% of total waste transported daily. 	<ul style="list-style-type: none"> 1.1/tpd solid waste processed. Distance of processing facilities from city/town boundary is 0.5 Kms. Composting: <ul style="list-style-type: none"> Qty. raw material processed- 0.09 tpd Qty final product produced:- 0.09 tpd 	-----
Cantonment	<ul style="list-style-type: none"> Population 2904. 	<ul style="list-style-type: none"> Solid waste is 	<ul style="list-style-type: none"> 100% of 	<ul style="list-style-type: none"> Waste 	<ul style="list-style-type: none"> 0.5tpd 	<ul style="list-style-type: none"> 0.5tpd

<p>t Board Dagshai</p>	<ul style="list-style-type: none"> • Area in 830 acres. • Number of households 577 in the city/town. • Number of non-residential premises in the city 2. • Number of election/ administrative 6. • Quantity of solid waste generated in the local body area per day 0.5/tpd. • Per capita waste collected per day 1500 gm/day • Quantity of solid waste collected 0.5tpd. • Door to Door: - D2D Collection of solid waste is being done in the city in 6 wards. • 577 number of households covered and 2 number of non-residential premises including commercial establishments, hotels, restaurants educational institutions/offices etc covered. • Door to door collection through Motorized vehicle 99 %. • Total length of roads, lanes in the city 16 km. • Tools used manual:100% • Long handle broom is provided to sanitary workers. The collection tool synchronizes with collection/waste storage containers. 	<p>stored at source in segregated form.</p> <ul style="list-style-type: none"> •50% of premises segregating the waste at source. 	<p>households practice storage of waste at source in domestic.</p> <ul style="list-style-type: none"> • Waste Storage Facility Cement concrete cylinder bins 39 number. Covered metals containers 20 numbers. • Number of bins placed 59. • Total storage capacity of waste storage facilities in 0.5 per day. • 0.5 tpd waste actually stored at the waste storage depots daily. • 100% of manual lifting of solid waste. 	<p>transported 3 trips in jeep attached with trailer.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 0.5tpd. • 100% frequency of transportation of waste. • Treatment is done through agency. 	<p>quantity of waste processed each day.</p> <ul style="list-style-type: none"> • 3750 m² land is available with the local body for waste processing. 	<p>quantity of waste disposal at dumpsite/landfill.</p> <ul style="list-style-type: none"> • Distance of processing facilities from city/town boundary 50 mtrs. • 1 Number of sanitary landfill sites available with the local body. • 3750 m² land is available with the local body for waste disposal. • 1 number of dumpsites available with the local body. • Distance of dumpsite/incinerator from the city 2 km, nearest habitation 0.3km, Distance from water body 2.5 km,
----------------------------	---	---	---	--	---	---

						Distance from state/national highway 0.5 kms and distance from religious places or historical monument is 2.5 km.
--	--	--	--	--	--	---

Note: - The information in the statement is compiled based on the reports filed by Local Bodies.

ANNEXURE – III (2023-24)

A SUMMARY STATEMENT ON PROGRESS MADE BY MUNICIPAL AUTHORITY IN RESPECT OF IMPLEMENTATION OF SCHEDULE II				
S.No	Name of the Municipal Authority	PARAMETERS		
		A. Composting	B. Leachate Management	C. Incineration
1	Municipal Council, Bilaspur	No	No leachate generated	No incineration
2	Municipal Council, Shri. Naina Devi Ji	Quantity of raw material processed 2 kg.	No leachate generated	No incineration
3	Municipal Council, Ghumarwin	No	No leachate generated	No incineration
4	Nagar Panchayat, Talai	Raw material processed:-1.20 tdp. Qty final product produced:-compost. Qty Sold:- 7000 kg (during the year 2023-24).	Leachate collection tank has been constructed at site.	No incineration
5	Municipal Corporation, Mandi	2 tpd raw material processed. 0.01 final product produced.	Yes	No incineration
6	Municipal Council, Sundernagar	Raw material processed:-4 Final product produced:-2, Qty. Sold:-2 ton.	Yes	No incineration
7	Municipal Council, Nerchowk	Yes.	No leachate generated	No incineration
8	Municipal Council, Jogindernagar	Final product produced:-1 tpd.	Yes	No incineration
9	Municipal Council, Sarkaghat	No	No leachate generated	No incineration

10	Nagar Panchayat, Rewalsar	Not ready yet.	No leachate generated	No incineration
11	Nagar Panchayat, Karsog	No	No leachate generated	No incineration
12	Municipal Council, Chamba	No	No leachate generated	Yes
13	Municipal Council, Dalhousie	Raw material processed:-2 tpd Qty final product produced:-.8tpd.	No leachate generated	No incineration
14	Nagar Panchayat, Chowari	Raw material processed:-.3 tpd. Qty final product produced:- .07 tpd	No leachate generated	No incineration
15	Municipal Council, Hamirpur	Qty. final product produced:- compost. Qty. Sold:-2700kg @ Rs.5.	Yes	No incineration
16	Municipal Council, Sujampur	Qty of final product: compost. Qty sold 200 kg @ 5 Rs per kg.	Yes	No incineration
17	Nagar Panchayat, Nadaun	Qty raw material processed -500 kgs. Final product:- compost.	Yes	No incineration
18	Nagar Panchayat, Bhatta	Qty. of raw material processed:- 1 tone Qty of final product:- Compost.	Leachate collection used for composting pit.	No incineration
19	Municipal Council, Una	Raw material processed:- 300 kg. Final product produced: under process.	Yes	No incineration
20	Municipal Council, Santokhgarh	Raw material processed:- 200 kg. Final product produced: under	Yes	No incineration

		process.		
21	Municipal Concil Mehatpur	Raw material processed:- 0.5.	No leachate generated	No incineration
22	Nagar Panchayat, Dalautpur	No	No leachate generated	No incineration
23	Nagar Panchayat, Gagret	No	No leachate generated	No incineration
24	Nagar Panchayat, Tahliwal	No	Yes	No incineration
25	Nagar Panchayat Amb (newly constituted)	No	No leachate generated	No incineration
26	Municipal Corporation, Dharamshala	Raw material processed – 30 (ton) Final product produced – 20 (ton)	No leachate generated	Municipal corporation has been established 5 MT bio-gas plant at ward no.- 13 during the inoculation phase of the plant 201 MT wet waste has been processed in this bio-gas plant. The end product of this processing is electricity and manure.
27	Municipal Corporation, Palampur	3 nos. of organic waste composting machine available for capacity of 5.1 tpd (self utilized by ULB).	No leachate generated	No incineration
28	Municipal Council, Kangra	2 tome raw material processed 0.1 ton final product produced (self-utilized by ULB)	No leachate generated	No incineration
29	Municipal Council, Nurpur	No	No leachate generated	No incineration
30	Municipal Council, Nagrota	OWC machine has been installed.	By providing Bio digester tank as well as sock pits.	No incineration
31	Municipal Council, Dehra	The compost pits & OWC machine provided.	No leachate generated	No incineration

32	Municipal Council, Jawalamukhi	final product produced- 2 ton	No leachate generated	No incineration
33	Nagar Panchayat, Bajnath-Paprola	Self Utilization	No leachate generated	No incineration
34	Nagar Panchayat, Jawali	25 no's of pit composting and compost self-utilized by NP Jawali	No leachate generated	No incineration
35	Nagar Panchayat, Shahpur	No	No leachate generated	No incineration
36	Municipal Council, Kullu	Approx. 1.5 – 2 ton wet waste is being treated per day Final product produced- Approx 3-5 ton.	No leachate generated	1-1.5 ton of dry waste is being sent daily to WTE Plant installed at Manali at Rangri Final product produced- Approx 3-5 ton.
37	Municipal Council, Manali	No	Yes	No incineration
38	Nagar Panchayat, Bhuntar	About 200 kg	No leachate generated	N.P. Bhuntar sent solid waste to waste to energy project Rangri Manali Operated by M/s Nextgen Chemical.
39	Nagar Panchayat, Banjar	No	No leachate generated	No incineration
40	Nagar Panchayat Nirmand (newly Constituted)	No	No leachate generated	No incineration
41	Municipal Corporation Shimla	0.5 ton of Wet waste is processed for composting. 50 Kg/day compost is being produced.	Yes provision for leachate collection is being made.	qty of raw material-100% (75-90 tpd) Final product produced

				45 tpd. Sold quantity of residual waste land filled-40-45 tpd.
42	Municipal Council, Rohroo	No	No leachate generated	No incineration
43	Municipal Council, Rampur	No	No leachate generated	No incineration
44	Municipal Council, Theog	Raw material processed:- 1500 kg/day Qty final product produced:- 50kg/month Qty. sold:- 1000 kg.	No leachate generated	Raw material processed:- 200 kg Qty. final product produced:- 200 kg
45	Nagar Panchayat, Narkanda	.2 tpd raw material processed, 0.035 final product produced.	No leachate generated	No incineration
46	Nagar Panchayat, Chopal	No	No leachate generated	No incineration
47	Nagar Panchayat, Kotkhai	Yes, by OWC machine	Yes	No incineration
48	Nagar Panchayat, Jubbal	No	No leachate generated	No incineration
49	Nagar Panchayat, Sunni	raw material processed-0.6tpd	Yes	No incineration
50	Nagar Panhayat Nerwa (newly constituted)	No	No leachate generated	No incineration
51	Nagar Panchayat Chirgaon (newly constituted)	No	No leachate generated	No Incineration
52	Municipal Council, Nahan	Qty final product produced:- 2000 kg approx.. Qty sold:- Final product utilized in MC own perks and gardens and sold out nearby farmers.	No leachate generated	No incineration
53	Municipal Council, Paonta	Qty raw material processed:- 3tpd.	No leachate generated	No incineration

		Qty final product produced:- 150 kg/day. Qty utilized in MC own parks and gardens.		
54	Nagar Panchayat, Rajgarh	No	No leachate generated	Yes, sent to cement plant time to time.
55	Municipal Corporation, Solan	No	Leachate collection tank has been constructed.	No incineration
56	Municipal Council, Nalagarh	Yes	Leachate collection tank made by M/s JBR at site.	No incineration
57	Municipal Council, Parwanoo	No	No leachate generated	No incineration
58	Municipal Council, Baddi	Yes	Leachate collection tank made by M/s JBR at site.	No incineration
59	Nagar Panchayat, Arki	No	No leachate generated	No incineration
60	Nagar Panchayat, Kandaghat (newly constituted)	No	No leachate generated	No incineration
61	Cantonment Board Jutogh, Shimla	The composting facility provided	No leachate generated	No incineration
62	Cantonment Board Kasauli, Solan	No Processing facility. Waste sent to SWM site Kanduwal, Baddi.	No leachate generated	No incineration
63	Cantonment Board Subathu, Solan	Qty. raw material processed-0.09 tpd Qty final product produced:-0.09 tpd	No leachate generated	No incineration
64	Cantonment Board Dakshai, Solan	No	No leachate generated	Quantity of waste transported each day 0.5tpd.
65	Cantonment Board Yol, Kangra	By Pits technology, but no compost is being formed.	No leachate generated	No incineration

66	Cantonment Board Dalhousie, Chamba	Composting 0.1 tpd.	No leachate generated	No incineration
67	Cantonment Board Bakloh, Chamba	Composting, Qty. raw material processed 150-170 Kgs.	No leachate generated	No incineration

Note: - The information in the statement is compiled based on the reports filed by Local Bodies.