



H.P. STATE POLLUTION CONTROL BOARD



"Him Parivesh" Phase-III, New Shimla-171009 (H.P)

Phone: 0177 2673766, 2673274 email: mshppcb@gmail.com

No. HPSPCB/MSW/Annual Reports SWM/2025- 6727-30

Dated:

31/07/25

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 2024-25.

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 **2024-25** 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, UD to the Govt. of HP for information please.
3. The Director, UD Talland for information and necessary action please.


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


Form -V
(See rule 24 (3))

**Format of Annual Review 2024-25 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:- 08 B. Municipal Council : 29 C. Nagar Panchayat : 23 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 : Place: SHIMLA		 Anil Joshi, IFS Member Secretary HP State Pollution Control Board

Part- B (2024-25) Solid Waste Management

For Filling Annual Report on Municipal Solid Waste Management

Town/Cities

(i) Total Number of towns/cities	60
(ii) Total No. of ULBs	60 ULBs
(iii) Number of class I & class II cities/towns	Class-I— (1 Shimla)
(iv) No. of ULBs/Cantonment Boards	60 ULBs and 6 Cantonment Boards
Submitted Annual Report	66

Authorizations status (names/ number)

Number of applications received:	0
Number of authorizations granted:	0
Authorizations under scrutiny:	0

SOLID WASTE Generation Status

Solid waste generation in the state (TPD)	383.12 tpd
Collected	381.08 tpd
Treated	361.39 tpd
Landfilled (Sanitary Landfill)	6.5 tpd
Gap	15.23 tpd

Compliance to Schedule-I of SWM Rules (Number/names of towns/capacity)

Good practices in cities/towns	Details given in Annexure-II
House-to-house collection	
Segregation	
Storage	
Covered transportation.	

Processing of SW (Number/Name of town/capacity

Solid waste processing facilities

Sr. No.	Town/cities covered	Composting	Vermi - composting	Bio gas	RDF/Pelleization.
1	Bilaspur	--Nil--	Nil	Nil	Dry waste is sent to ACC Barmana & Ultra Tech Cement Baga.
2	Ghumarwin	Qty. raw material processed-1.69tpd. Qty. final product produced. Piggery farm.	Nil	Nil	112 tonnes combustible waste supplied to Cement Plant
3	Naina Devi	Composting Pits Qty. raw material processed-21.00 T. Qty. final product produced 2.1T approx.	Nil	Yes	RDF sent to Cement Plants Qty. raw material processed-21.160T.
4	Talai	Composting Pits, RDF technologies used Qty. raw material processed-0.92 tpd. Qty. final product produced -compost. Qty. sold/distributed- 7800 kg.	Nil	Nil	95.01 combustible waste supplied to cement plant.
5	Chamba	Qty. raw material processed-4.5 tpd. Qty. final product produced 0.8 tpd.	Nil	Nil	Nil
6	Chowari	Composting pits and OWC machine available. Qty. raw material processed-0.2 tpd. Qty. final product produced 0.7tpd	Nil	Nil	Nil
7	Dalhousie	OWC machine installed Qty. raw material processed-2 tpd. Qty. final product produced 0.8tpd	Nil	Nil	Bailing machine and shredder machine installed. Qty. raw material processed- 8 tonne. Qty. final product produced 8 tonne
8	Bhota	OWC machine installed	Nil	Nil	Bailing machine and shredder machine installed and RDF sent to Ultratech cement plant Bagha (45 tonne)
9	Hamirpur	Composting pits, OWC machine installed.	Nil	waste processing work has been outsourced to M/S	Qty of Raw material processed:-144.5 RDF send to UltraTech

		Qty. raw material processed-5.40 tpd. Qty. final product produced -1.32 ton Qty. sold/distributed- 1.21 tons.		suntan life. Currently wet waste is being processed Bio-methanation Plant Capacity: - 200 TPD the wet waste extracted out of fresh waste is preprocessed towards volume reduction and sent to biogas facility C/O Sarovar agro farms and biogas pvt ltd. Ambala naraingarh road, vill-jatwar, distt. Ambala.	cement plant Bagha.
10	Nadaun	OWC machine, Composting machine installed. Qty raw material processed -0.3TPD through composting pits approximately. 0.2 TPD send to piggery farm. 0.49 processed through OWC machine. Qty. final product produced: 0.158 Ton approx.	Nil	Nil	Shredder and bailing machine installed. Qty of Raw material processed:-.165 Tons Approx. RDF send to Ultratech Cement plant Bagha.
11	Sujanpur	Composting pits available qty. raw material processed:- 1.7tpd. qty. final product produced:- 0.34. qty sold:- .15 ton.	Nil	Nil	Shredder and bailing machine available. Qty raw material processed MC Sujanpur 144.00 Tons RDF sent to ultra tech Cement plant Bagha
12	Dehra	Nil	Nil	Nil	MC Dehra 36 RDF send to ambuja Ultra tech cement plant Bagha for the purpose of kiln.
13	Jawalamukhi	OWC machine installed qty. raw material processed:-0.3tpd. qty. final product produced:- 0.6.	Nil	Nil	Shredder and Bailing machine installed. Qty. raw material processed:- ultratech cement plant 300ton Ambuja cement plant -100 ton. Final product for the purpose of kiln.

14	Baijnath	compostign pits and biodigestor installed.	Nil	Nil	Shredder and Bailing machine installed. RDF sent to cement plant regularly.
15	Dharmshala	qty. raw material processed: 30 ton. qty. final product produced:- 20ton	Nil	MC Dharamshala has been established 5 MT Bio gas plant at ward no.13. during the inoculation phase of the plant 628 MT wet waste has been processed in this Bio-gas plant, the end product of this processing is electricity and manure.	Agreement signed with suntan life pvt. Ltd.
16	Jawali	25no's of pit composting and compost self-utilized by NP jawali.	Nil	Nil	Nil
17	Kangra	OWC machine installed. qty. raw material processed:-0.2tpd. qty. final product produced:- self utilized by ULB	Nil	Nil	Shredded dry waste sent to cement plant for coprocessing
18	Nagrota Bagwan	OWC machine has bee installed	Nil	Nil	All the refuse derived fuel have been sent to cement factory.
19	Nurpur	Nil	Nil	Nil	Shredded dry waste sent to Cement plant and Anandita plastic recycler.
20	Palampur	3 no's of organic waste composting machine available for capacity of 5.1 ton per day. (self utilized by ULB)	Nil	Nil	Shredded dry waste sent to cement plant for coprocessing
21	Shahpur	Waste sent to SWM Site Kangra			
22	Banjar	Wet waste processed through composting pits.	Nil	Nil	Dry waste dispatched to cement plant.
23	Bhuntar	Wet waste processed through composting pits. About 200kg.	Nil	Nil	Dry waste dispatched to cement plant.
24	Kullu	OWC Machine installed Qty raw material processed: - 2-3 ton Final product produced: - 500kg.	Nil	Nil	Dry waste is sent to Cement Plant
25	Manali	Nil	Nil	Nil	Nil
26	Nirmand.	Nil	Nil	Nil	Nil
27	Jogindernagar	OWC , compost pits, MRF bailing	Nil	Nil	Nil

		machine is available. Final product produced: - 1tpd.			
28	Karsog	Wet waste through ULB	Nil	Nil	Dry waste through Ultra tech.
29	Mandi	MRF, OWC Composting pits available Composting pits for wet waste 5 tpd raw material processed. Final product produced:- 0.05	Nil	Nil	MRF for dry waste. Qty raw material processed: - 2.50 tpd and supplied for cement plant.
30	Nerchowk	Through contractor.	Nil	Nil	135.080 MT supplied to cement plant.
31	Rewalsar	Drum composting available	Nil	Nil	Nil
32	Sarkaghat	1 bailing and 2 shredding machine available. Qty raw material processed: - 1.0-1.2 tpd.	Nil	Nil	148 tons supplied to cement plant.
33	Sundernagar	Composting pits for wet waste. 4 tpd raw material processed. Final product produced: - 0.05	Nil	Nil	MRF for dry waste. Raw material processed 2.50 tons per week and sent to cement plant.
34	Chaopal	Treatment through composting pits.	Nil	Nil	Nil
35	Jubbal	Composting pits available. 0.315 tpd raw material processed. Final product produced: - 0.0315	Nil	Nil	Nil
36	Kotkhai	0.3 tpd through OWC machine & GAIA drums.	Nil	Nil	0.2 tpd dry waste treated at Shredder machine and sent to cement plant.
37	Narkanda	Composting pits and baling machine is available. Wet waste is treated by OWC machine. 0.2tpd raw material processed. Final product produced: - 0.035(35kg) Sold:- 35kg.	Nil	Nil	Dry waste is being shredded and sent to cement treatment plant.
38	Rampur	Wet waste is being stacked in pits.	Nil	Nil	Dry waste is being segregated in MRF center.
39	Rohru	Wet waste sent to composting pits.	Nil	Nil	Yes, 32 tons.
40	Sunni	0.56tpd raw material processed.	Nil	Nil	0.45tpd raw material processed. -

41	Shimla	0.5tpd raw material processed. Final product produced: - compost 50kg/D Sold:- used at hotel premises.	Nil	1.0tpd raw material processed. Final product produced: - biogas Sold:- provided to the staff at STP plant.	Gasification technology through RDF. raw material processed:- 100% (75-90 tpd) Final product produced: - 40TP approx. Sold:- 40-45 TPD approx. supplied to cement plant. Landfill:- 8-10 TPD
42	Theog	Aga drums, composter and OWC is available. raw material processed:- 1500kg Final product produced: - 50kg. approx. Sold:- 1000 approx.	Nil	Nil	3ton/trips dry waste sent to cement plant. Raw material processed:- 16tons Final product produced: - 16tons.
43	Nerwa	Nil	Nil	Nil	Nil
44	Chirgaon	Composting pits is available. Raw material processed:- 0.56 Final product produced: - 0.20. in compost pits. Piggry:- 0.16 0.20 is self disposed by local people for cattle feed.	Nil	Nil	11.97 ton RDF sent to Bhariyal plant. Raw material processed:- 11.97tons.
45	Nahan	Work of daily waste processing at SWM site has been outsourced through private agency. Final product produced: - 2000kg. approx. Sold:- final product utilized in MC own parks and gardens and sold out nearby farmers.	Nil	Raw material processed:- 6	Converts in RDF and set time to time by agency by itself for cement plant.
46	Paonta Sahib	Qyt. raw material processed :- 3tpd. Qyt. Final product produced :- 150kg/day Qyt. Utilized in MC own parks& gardens Qyt. Of residual waste landfilled:- 0.5	Nil	The work of daily waste processing has been awarded to private agency(M/s suntan life) so all the wet waste lifted by agency its own plant and wet waste using in	The work of daily waste processing has been awarded to private agency (M/s suntan life) so all the dry waste converts into ball through baling machine and sent it as RDF by the agency for final disposal.

				Bio-methanation.	
47	Rajgarh	Wet waste sent to animal feeding at hariom goushala.	Nil	Nil	Dry waste baling machine available and sent to cement plant time to time.
48	Solan	Wet waste is sent out of plant to bio-methantion plant, jatwad, Haryana.	Nil	The waste processing work has been outsourced to M/s Suntan life.	Managed by agency (M/s Suntan life).
49	Arki	OWC machine for Wet waste	Nil	Nil	MRF for dry waste. Send ambuja cement plant Darlaghat.
50	Parwanoo	Out sourced to 3 rd party M/s Suntan life Panchkula since 22/01/2025.	Out sourced to 3 rd party M/s Suntan life Panchkula since 22/01/2025	Out sourced to 3 rd party M/s Suntan life Panchkula since 22/01/2025	Out sourced to 3 rd party M/s Suntan life Panchkula since 22/01/2025
51	Nalagarh	Windrow for wet waste.	Nil	Nil	MRF for dry waste. Managed by M/s JBR for BBND. A.
52	Baddi	Wet waste compost	Nil	Nil	MRF for dry waste. Managed by M/s JBR for BBND. A.
53	Kandaghat.	All solid waste send to SWM plant bhariyal, MC Shimla.	Nil	Nil	Nil
54	Daulatpur	Ward wise compsitng pits constructed	Nil	Nil	Nil
55	Gagret	Nil. Wet waste sent to gaushala	Nil	Nil	2MT combustibile waste supplied to cement plant.
56	Mehatpur Basdehra	Qyt. raw material processed: - 0.5.	Nil	Nil	Nil
57	Santokhgarh	Composting pits available. Qyt. raw material processed: - 200kg. Qyt. Final product produced :- under process.	Nil	Nil	Nil
58	Tahliwal	Nil	Nil	Nil	Nil.
59	Una	36 pits constructed and OWC machine installed Qyt. raw material processed: - 300kg. Qyt. Final product produced:- under process.	Nil	Nil	MOU signed with cement pland for combustibile waste.
60	Amb	Ward wise composting pits constructed.	Nil	Nil	Nila
61	Cantonment Board Subathu	Qyt. raw material processed: - 0.9TPD.	Qyt. raw material processed: -		

		Qyt. Final product produced:-0.09 TPD process.	0.1TPD. Qyt. Final product produced:-0.01 TPD process.		
62	Cantonment Board Dagshai	-	-	-	-
63	Cantonment Board Dalhousie	Composting facility 0.1tpd	-	-	-
64	Cantonment Board Bakloh	Composting facility 150 to 170 kgs			
65	Cantonment Board Jatogh	-	-	-	-
66	Cantonment Board Kasauli	Waste managed through agency JBR Baddi.			

** Note: - The information is compiled based on the data provided by UD Department, H.P. and ULBs.*

Disposal of solid waste (number/names of towns/capacity):

Landfill sites identified	2 (Shimla and Baddi)
Landfill constructed	2 (Shimla and Baddi)
Landfill under construction	Nil
Landfill in operation	2
Landfill exhausted	Nil
Landfilled capped	Nil

Solid Waste Dumpsites (number/names of towns/capacity):

Total number of existing dumpsites:	19 (NP, Karsog, NP, Dalautpur, NP, Amb (newly constituted), MC, Nurpur, NP, Nirmand (newly Constituted), MC, Sundernagar, NP, Rewalsar, MC, Mehatpur, NP, Tahliwal having gap in processed solid waste quantity. MC, Mandi (newly Constituted), NP, Chowari, MC, Hamirpur, MC, Una, MC, Santokhgarh, MC, Dharamshala, MC, Kullu, MC, Manali, MC, Solan (newly Constituted), MC, Baddi legacy waste sites)
Dumpsites reclaimed/capped:	Nil in FY 24-25
Dumpsites converted to sanitary landfill:	Nil in FY 24-25

Monitoring at Waste Processing/ landfill sites

S. No.	Name of facilities/ ULB	Ambient Air	Groundwater	Leachate Quality	Compost Quality	VOCs
1	MC Solan	01 Sample collected on 28.06.2024 and is within limit	Nil	02 Samples collected on 17.05.2024 & 04.07.2024: Parameters TSS, Fluoride, BOD & COD are above limits.	Nil	Nil
4	MC Shri Naina Devi Ji	Nil	Nil	No Leachate	01 Sample collected on 11.06.2024 : Parameters Zinc, Total Nitrogen, pH and Conductivity are above limits.	Nil
5	NP Talai	01 Sample collected on 02.04.2024 and is within limit.	Nil, However Surface water samples of adjoining Saryali Khad were collected U/s & D/s of SWM Site (3 no's each) and all are within limits.	No Leachate	02 Samples collected on 02.04.2024 and 03.09.2024: Parameters Total Nitrogen, pH and Conductivity are above limits.	Nil
8	MC Santoshgarh	Nil	Nil	Nil	01 Sample collected on 23.10.2024, Parameters, Cd, Cr, pH (Compost), Total N, Total Phosphate, Bulk Density, Conductivity are beyond permissible limits	Nil
13	Municipal Corporation Hamirpur	Nil	Nil	Nil	01 Sample: Collected on 26.06.2024; and Total Nitrogen, Total Phosphate, Conductivity were not in permissible limit.	Nil
14	Municipal Council Sujanpur	Nil	Nil	Nil	01 Sample: Collected on 21.06.2024; and pH(Compost), Total Nitrogen, T, Bulk Density, Conductivity were not in	Nil

					permissible limit.	
15	Municipal Council Nadaun	Nil	Nil	Nil	01 Sample: Collected on 26.06.2024; and Total Nitrogen, Bulk Density, Conductivity were not in permissible limit.	Nil
16	Nagar Panchayat Bhota	Nil	Nil	Nil	01 Sample: Collected on 26.06.2024; and Total Nitrogen, Bulk Density, Conductivity were not in permissible limit.	Nil
	MC, Manali	Nil	Nil	04 Nos of samples collected on 30.04.2024, 31.05.2024, 28.06.2024 & 19.12.2025 of Legacy Waste site and parameters i.e. Ammonical nitrogen COD, Total Kjeldahl nitrogen, TDS, BOD were not in the prescribed limit.	Nil	Nil
	MC, Kullu	Nil	Nil	Nil	01 No of sample collected on 20.06.2024 and parametes i.e. Conductivity was not in prescribed limit.	Nil
25	MC Mandi	Nil	Nil	Nil	01 no. Compost sample collected on 10.06.2024 and copy of results attached in email.	Nil
26	MC Sundernagar	Nil	Nil	Nil	01 no. Compost sample collected on 28.05.2024 and copy of results attached in email.	Nil
27	MC Nerchowk	Nil	Nil	Nil	01 no. Compost sample collected on 06.06.2024 and copy of results attached in email.	Nil

29	MC Jogindernagar	Nil	Nil	Nil	01 no. Compost sample collected on 10.06.2024 and copy of results attached in email.	Nil
	MC Shimla	A grab sample of drier outlet of M/s Elephant Energy Pvt. Ltd. (Waste to Energy Plant), was taken on dated 08-06-2023 vide which Parameters of PM (Stack) = 43.30 mg/Nm ³ & RSPM = 32.58 microgrammes/m ³ . A sample was taken on dated 26-07-2024 vide which PM (Stack) = 52.08 mg/Nm ³ . A Sample was taken on dated 15-03-2025 vide which PM ₁₀ = 80.07 microgrammes/m ³ & NO _x = 12.24 microgrammes/m ³ & SO ₂ = BDL & RSPM = 75.44 microgrammes/m ³	Handpump at Bhariyal Village was collected on 18-03-2025 and is within limits.	Nil	Nil	Nil
	JBR Environment Technologies Pvt. Ltd Baddi Distt. Solan HP.	Nil	Borewell Not provided	Samples collected on 28/05/2024 is within prescribed limit for inlet standard of CETP, Samples collected on 08/01/2025 w.r.t one parameter sulphide above the prescribed limit for inlet standard of CETP.	01 Sample collected on 28/05/2024, Parameters Lead, Nickel, Total Phosphate, Conductivity, pH, Arsenic, Cadmium, Chromium and Copper are above limits.	Nil

Status of Action Plan prepared by Municipalities:

Total number of municipalities: 60
Number of individual Action Plan submitted: 60

ANNEXURE – I (2024-25)

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 site and making sanitary landfill site.	Proposal made to improve Solid Waste Management Practices and comments/remarks of ULB.
1	M.Corp. Shimla	Waste processing facilities is operational, and currently RDF section is being operationalized. One (W2E Plant) & one bio methanation plant operational.	1 number of sanitary landfill sites available. Land available 9.923 Hectare.	Action plan of solid waste has been prepared.
2	M.C. Rampur Bhushar.	Manually processing at site by sweepers. 1 number of disposal facility near Gau sadan ward no.- 4 Wet waste stabilised in pits & dry waste being segregated in MRF.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
3	M.C. Theog	1 number of facility with available area of 0.3 biswas.	No sanitary landfill site.	Action plan of solid waste has been prepared.
4	M.C. Rohroo	Yes, 1 number of solid waste disposal facility Processing facility : FCA case under process.	No sanitary landfill sites available.	Yes, the waste collection transportation processing work has been outsourced, cameras have been installed in the city and IEC activity are being conducted through different stakeholders.

5	N.P. Narkanda	Yes, Solid waste processing facilities available with area of 00.18 hect. And operational with compost pits and baling machine.	No sanitary landfill site is available.	Action plan of solid waste has been prepared.
6	M.C. Sunni	Yes, 1 Nos. processing site is available Solid waste processing facilities in operational with area of 02 bigha.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
7	N.P. Chopal	1 number of site available. Land available 728 m ² . Processing facility is under construction.	No sanitary landfill sites available.	Yes, Action plan of solid waste has been prepared.
8	N.P. Kotkhai	Yes, Solid waste processing facilities in operation.	No sanitary landfill site available	Action plan of solid waste has been prepared.
9	N.P. Jubbal	Yes, land available with the local body for waste processing 320.11m ²	No, site not available with local body.	Action plan of solid waste has been prepared.
10	N.P. Chirgaon	Land available but. FCA case in process. compost pits and temporary MRF Shed.	No, landfill site not available with local body.	Action plan of solid waste has been prepared.
11	N.P. Nerwa	Land not available with local body for processing. SWM case under FCA.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
12	M.Corp. Solan	Yes, Solid waste processing facilities and disposal facilities in operation land	No sanitary landfill sites available.	Waste collection, transportation and processing work has been outsourced by MC Solan.

		available with local body for processing is 1.88 hect. And 01 hect utilized for processing.		
13	M.C. Nalagarh	Yes, Solid waste processing facilities in operation. 6.8 hect. Land in cluster approach with BBND. 1 hect, land utilised	No sanitary landfill site available.	Yes, 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 Suntan life Panchkula.	No sanitary landfill site available	Yes, D2D GC 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 Suntan Life Panchkula from 22/01/2025
15	M.Corp. Baddi	Yes, Solid waste processing facilities and disposal facilities in operation. 6.8 hect. Land in cluster approach with BBND. at Kenduwal SWM site. 1 hect. land utilised.	1 number of Sanitary Landfill sites available with the local body with area of 6.8 hectares.	Action plan of solid waste has been prepared.
16	NP Arki	Yes, Solid waste processing facilities in operation. 450mtr/sq land utilized for waste processing.	No sanitary landfill site available	Yes, the waste collection, transportation and processing work has been outsourced.

17	N.P Kandaghat	Yes, Solid waste processing facilities and disposal facilities in operation All solid waste processed at SWM plant Bhariyal, MC Shimla.	All solid waste processed at SWM plant Bhariyal, MC Shimla.	the waste collection, transportation and processing work has been outsourced.
18	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 site available	Action plan of solid waste has been prepared.
19	M.C. Paonta	Yes, Solid waste processing facilities in operation. 5 bigha land available with local body for processing and 5 bigha land utilized.	No sanitary landfill site available.	Action plan of solid waste has been prepared.
20	N.P. Rajgarh	Yes, Solid waste processing facilities in under construction.	No sanitary landfill site available	Yes, Action plan of solid waste has been prepared.
21	M.C. Bilaspur	A new SWM site has been selected by the MC Bilaspur adjacent to proposed	No sanitary landfill sites available.	D2D collection have been made started in 11 wards and it will be covered all the M.C. area.

		sewerage treatment plant in Ward No.8 and the work is in progress.		
22	M.C. Shri. Naina Devi Ji	Land available with local body for processing with 0.045 hect. Facility is operational with Pit, Bailing machine, composting pits, MRF.	No sanitary landfill sites available.	Yes, D2D collection have been made started in 7 wards and it will be covered all the M.C. area.
23	M.C. Ghumarwin	Processing facility is operational.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
24	N.P. Talai	Yes, Solid waste processing facilities in operation. 0.289 hect. Land available.	No sanitary landfill site available	Action plan of solid waste has been prepared.
25	M.Corp. Mandi	There is 2 no of Solid waste processing facilities is operational with area of 0.538 hect. and one facility is under construction.	No sanitary landfill site available.	Yes, Action plan of solid waste has been prepared.
26	M.C. Sundernagar	Yes, Solid waste processing facilities and disposal facilities. Facilities is operational.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
27	M.C. Nerchowk	Yes, 1 no. Solid waste processing facilities available. With area of 10 bigha.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
28	M.C. Sarkaghat	Yes, Solid waste processing facilities in operation. 0-26-54 hect. Land available.	No sanitary landfill sites available.	Awareness was created among the people through social media, newspaper and wall painting. People aware about the segregation at primary point.

29	M.C. Jogindernagar	Compost pits, OWC, MRF, Bailing machine and incinerator. Area of 8.16 bigas.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
30	N.P. Rewalsar	Drum Composting.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
31	N.P. Karsog	There is no waste processing facility. 1 processing facilities is under contraction.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
32	M.C. Kullu	Dry waste facility is not available in MC Kullu and 4-5 ton of dry waste is being sent to cement plant. SWM site not available only wet waste is being treated at OWC machine installed at MRF site W. No3.	No sanitary landfill sites available. but OWC machine installed at ward no 3 at MRF site for treatment of wet waste and kitchen waste.	Action plan of solid waste has been prepared.
33	M.C. Manali	Processing facility is operational. 1.5 bigha land available for processing and 1.5 bigha land is currently utilized for waste processing.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
34	N.P. Bhunter	There is no waste processing facility. NP is making efforts with the district administration for a permanent waste processing site. Dry waste is sent to cement	No sanitary landfill sites available.	Action plan of solid waste has been prepared.

		plant for end disposal and wet waste is treated through composting pits.		
35	N.P. Banjar	No, land identification is under process.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
36	N.P. Nirmand	Currently NP nirmand has identified a land for solid waste processing and FCA of SWM land under process.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
37	M.Corp. 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.
38	M.C. Santokhgarh	Yes, Solid waste processing and disposal facilities available.	No sanitary landfill sites available.	Yes, D2D collection have been started in 9 wards.
39	N.P. Daulatpur	Yes, Solid waste processing facilities and 1 no. of disposal facility.	No sanitary landfill sites available.	Yes, Action plan of solid waste has been prepared.
40	NP Amb	Yes, Solid waste processing	No sanitary landfill	Action plan of solid waste has been

		facilities. 1 no. of solid waste disposal facility.	sites available.	prepared.
41	N.P. Gagret	There is waste processing facility Processing facility under construction. with area of 0.1911 hect. for SWM.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
42	M.C. Mehatpur	OWC is in operational.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
43	N.P. Tahliwal	There is no waste processing facility.	No, sanitary landfill sites available.	Yes Action plan of solid waste has been prepared.
44	M.Corp. Hamirpur.	Yes, Solid waste processing facilities and disposal facilities.0.4967 hect whereas 0.1533 hect. Is also in the possession of ULB which is in the process of transfer in the name of ULB.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
45	M.C Sujanpur	Yes, Solid waste processing facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
46	M.C, Nadaun	Yes, Solid waste processing facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
47	N.P. Bhota	Yes, Solid waste processing facilities and disposal facilities. Operation: - baling machine OWC machine pet bottle, Shredder, SUP shredder.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
48	M.Corp.	Yes, Solid waste processing	No sanitary landfill	Action plan of solid waste has been

	Dharamshala	facilities and disposal facilities.	sites available.	prepared.
49	M.C. Kangra	Yes, Solid waste processing facilities.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
50	M.Corp. Palampur	Yes, Solid waste processing facilities. 10 kanal land available with the local body for processing and disposal.	No sanitary landfill sites is available.	Action plan of solid waste has been prepared.
51	M.C. Nurpur	Yes, Solid waste processing facilities and disposal facilities. 5 kanal land available with the local body for processing.	No sanitary landfill sites available.	Yes. <ol style="list-style-type: none"> 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 compartmentzed. 6. IEC activities conducted time to time to make people aware about the segregation of garbage and SUP also.
52	M.C. Nagrota Bagwan	Yes, Solid waste processing facilities. OWC machine.	No sanitary landfill sites available.	Action plan of solid waste has been prepared
53	M.C. Dehra	Yes, Solid waste processing facilities disposal at BBMB land.	No sanitary landfill sites available.	Action plan of solid waste has been prepared

54	M.C. Jawalamukhi	Bailing machine, OWC machine Shredder, composting pits.	No sanitary landfill sites available.	Action plan of solid waste has been prepared
55	N.P. Jawali	Yes, Solid waste processing facilities. Land is on rent, 00-26-97 heact. Land.	No sanitary landfill sites available..	Action plan of solid waste has been prepared.
56	NP Shahpur	MOU with MC kangra & Waste sent to SWM site kangra daily basis.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
57	M.C. Baijnath - Paprola	Mini sec. campus for dry waste and SWM site, Buhli kothi, WN.9 through bio digester machine. the work is in progress.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
58	M.C. Chamba	There is one disposal facility.	No sanitary landfill sites available..	Action plan of solid waste has been prepared.
59	M.C. Dalhousie	Land available 500 sq.mt. Compost pits, OWC and Bailing machine,.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.
60	N.P. Chowari	Compost pits, OWC and Bailing machine.	No sanitary landfill sites available	Action plan of solid waste has been prepared.
61	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.
62	Cantonment board Kasauli	There is no waste processing facility.	No sanitary landfill sites available.	Action plan of solid waste has been prepared.

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.	Action plan of solid waste has been prepared.
66	Cantonment board Dagshai	There is no waste processing facility and disposal facility.	No 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 (2024-25)

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
M. Corp. 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 55-90/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 	<ul style="list-style-type: none"> • 80% premises segregating the waste at source. 	<ul style="list-style-type: none"> • Secondary waste storage facilities:- Masonary bins:- 12 number (wire mesh cages for temporary storage). • Up to 1.1 m3 bins = 102 nos. • Bin less city. • Up to 1.1 mt (litter bins only) and 4.5 Mt for bins placed inside different premises (15). • 10 % approx. (litter bins 	<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/ 	<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 	<ul style="list-style-type: none"> • One (W2E Plant) and one Bio methanation plant. • 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 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 • Total waste landfilled

	<p>and No. of household covered 52938 nos. approx. No. of non-residential premises 15435 approx. Through motorized vehicles 30% and through other devices 70%.</p> <ul style="list-style-type: none"> • Sweeping of streets-Daily. • 26 km length of roads, streets, lanes, bye-lanes in the city that need to be cleaned. • Tools used:- PPE Kits,Suppli, Khilna, Bailcha, Brooms. • 90-100% Manual sweeping, 10% approx. mechanical sweeping (recently MC Shimla has procured 2 road sweepers). • 100% street sweeping daily by long handled broom and collection tool synchronizes with collection/waste storage containers utilized. • 143 Regular Staff with drivers deployed by Local Body including street sweeping, secondary storage, transportation, processing & disposal waste. • Street sweeping 220, 		<p>and the provision made at certain organizations in their premises.</p> <ul style="list-style-type: none"> • Frequency of collection of waste from depots: Daily -4, Alternate day-3, Twice a week 4, once a week-2 and occasionally-2 • Corporalized 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>compactors/tippers after collecting garbage door to door.</p> <ul style="list-style-type: none"> • All the pickup/tippers and dumper containers are compartmentalized (Blue and Green). • Waste transportation per day is 90 TDP. 56 tipping truck (segregated dry and wet waste truck) and 3 Dumper placer. • Frequency to transportation of waste daily is 75%, Alternate day 10%, 	<p>utilized for waste processing.</p> <ul style="list-style-type: none"> • RFD Section is being operationalized. • Composting :- Raw material processed:- 0.5 ton/day (wet waste) Qty final product produced:- Compost 50 kg/day Qty. sold:- used at hotel premises. • Bio-Methanation Raw material processed:- 1.0 ton/day (wet waste) Qty final product produced: - Bio-Gas. Qty. sold:- provided to the staff 	<p>6-9 TPD.</p> <ul style="list-style-type: none"> • Landfill facility is available on site. • Weigh bridge facility is available. • Bulldozer, compactor available -JCB • Man power deployed at landfill site though EEPL. • Covering is done on daily basis. Soil and C&D waste material used • Provisions for gas venting provided in one cell. • Provision for leachate collection available. • Action plan has been prepared for improving solid waste management practices in the city. • Slaughter housed waste and C&D waste (construction debris) • Details of post closure plan. - (landfill site is in use) After executing of the landfill site, the same shall be covered with clay/soil and the local plantation shall be carried out as a post closure measures. • 4 nos. of slums are
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	<p>casual worker-205, Bhariyal plant-4, D2D garbage Collectors-536 (SEHB Society) by contractor/concessionaire's manpower deployed for collection including street sweeping, Secondary storage, transportation, processing& disposal of waste</p>			<p>Twice a week 5-10%, Once a week 5-10%, Occasionally <5%.</p> <ul style="list-style-type: none"> • 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>living at the STP plant. Quantity of residual waste landfilled: - nil</p> <ul style="list-style-type: none"> • RDF Qty. raw material processed Qty. 100% (75-90 ton./day. Final product produced 40TP approx. Qty. sold quantity of residual wasteland filled 40-45TDP approx. Landfill- 8-10tdp. • Waste to energy technology:- qty of raw material processed- 100% (75-90 tpd) Final product produced 	<p>landfill (Krishananagar, Ruldu Bhatta, Dangala Colony Totu and Engine Ghar), provided with solid waste management facilities. D2D garbage collection Scheme.</p> <ul style="list-style-type: none"> • Difficulties being Experience:- Tough Topography and adverse weather conditions. • Innovative idea to tackle problem:- 1. D2D garbage collection scheme, Waste to Energy plant and 1.0 TPD capacity of Bio gas plant. Swachhata vahana and Toll free helpline number- 9805201916 for complaint redressal.
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					<p>45 tpd. 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. • Combustible waste supplied to cement:- RDF 40-45 t/d approx.. 	
M.C. Rohroo	<ul style="list-style-type: none"> • Total population 6875 (2011 census) . Total ward 7. Household 1750 & non-residential premises 800 approx. having area 4.33 Km. • The total waste generated 2.98/tpd and collected 2.98/tpd. • Per capita 300g/day. • Status waste management services:- Daily basis door to door collection and road/street sweeping. Disposal of wet and dry 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 85% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Bin less city. • Manual lifting of solid waste is 100%. • Yes, lifted from D2D and transported to treatment plant directly in a segregated form. 	<ul style="list-style-type: none"> • Transportation of waste through 2 no. of tractor and 2 no. of others (compartmentalized vehicle). • Frequency of transport: 100% daily, twice 	<ul style="list-style-type: none"> • Solid waste processed 2.98/tpd. • Solid waste processed daily, quantity of waste processed daily is 2.98 tpd. • Treatment is done by local body. 	<ul style="list-style-type: none"> • 2% of household dispose throw solid waste on the streets. • 3% of non-residential premises dispose throw solid waste on the streets. • 918 sqm area available • Action plan for improving SWM practices in the city. - the waste collection transportation processing work has been outsourced

	<p>waste at solid waste management plant.</p> <ul style="list-style-type: none"> • Door-to-Door collection occurs in all 7 Through Containerized tricycle/handcart 10% and through other devices 90%. • Sweeping of streets:- Daily. • Tools used:- 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 sanitation workers and collection tool synchronizes with collection/waste storage containers utilized. • 12 nos, man power deployed by local body and 21 nos. of man power deployed by contractor/concessionaire's. 			<p>week:- Twice as per required and once week:- daily basis.</p> <ul style="list-style-type: none"> • Quantity of waste transported each days is 2.98 tpd and 100% waste transported. • Treatment Technology:- wet waste sent to gausadan , composting pits. 	<ul style="list-style-type: none"> • 918 sqm hectares total land is available with the local body for waste processing . • Temporary land is currently utilized for waste processing . • Processing facility under construction: - FCA case under process. • Distance of processing facilities from city/town boundary: - with in city (Ward no.3). • Refuse derived fuel:-32 ton. 	<p>cameras have being installed in the city and IEC activity are being conducted through different stakeholders.</p> <ul style="list-style-type: none"> • Difficulties:- 100% source segregation is not being complied by the public. Availability of land for scientific purpose of waste along with littering of work by the people of adjoining GIP in the territory of MC area etc.
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<p>M.C. Rampur Bushahr</p>	<ul style="list-style-type: none"> Total population 9239 as per census of 2011. Area in Sq. Km. 4.44Sq km. 9 no. of wards. Number of house hold in the city 5000 approx. and number of non-residential premises in the city 1800 approx. Quantity of solid waste generated 4.05 tpd. Quantity collected per day 4.05/ tpd, Per capital waste collected per day 450gms/day. Door-to-Door collection occurs in all 9 wards and No. of household covered 5000 nos. approx. No. of non-residential premises 1800. Through motorized vehicles 70% 30% 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 sanitation workers, each sanitation worker is 	<ul style="list-style-type: none"> Solid waste is stored at source in segregated form. Solid waste is stored at source in domestic/commercial/institutional bins. 100% 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 dumper placer used 	<ul style="list-style-type: none"> Waste is being collect D2D and transported to the site by mechanical transport. 4.05 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 :- 4.05 tpd. Processing treatment is done by local body. Solid waste is processed: - wet waste is being stacked in pits and dry waste is being segregated in MRF center. Land available with the local body for waste processing (in hect.):- 520 sqmtr Land used for MRF site. Manual processing at site by sweepers. 	<ul style="list-style-type: none"> 10% of household dispose throw solid waste on the streets. 10% of non-residential premises dispose throw solid waste on the streets. 1 no. of site near Gau sadan ward no.-4. Area 520 sqmtr Distance:- which is 5 Km from city/town. .500 kms distance from nearest habitation, .062 km distance from water body, 10km (helipad) distance from airport. Quantity of waste land filled/MRF each day is 4.05 tpd. Lighting facility is available on site. Vehicles and equipment's used at site:- Bulldozer, Compacters etc. No weigh bridge facility is available. Difficulties: - M.C doesn't have any recycling plant nearby. Innovative idea for tackle a problem: - Aditi and Aga Drum for better composter.
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	<p>given handcart/tricycle for collection of waste and collection tool synchronizes with collection/ waste storage containers utilized.</p> <ul style="list-style-type: none"> • 2 No's sweeper local body own manpower, and 76 no's of safai karmchari deployed by contractor/concessionaire's for collection including street sweeping, secondary storage, transportation, processing and disposal of waste. 		for lifting & disposal of waste.		<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. 	
M.C. Theog	<ul style="list-style-type: none"> • Population 4351 Area in sq. kilometers 4 square km. Number of households in the city/town 2484. Number of wards 7. • 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 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 95% of premises segregating the waste at source 	<ul style="list-style-type: none"> • Solid waste is stored at (domestic bins) source in domestic/ commercial /institutional bins. • Percentage of households practice storage of waste at source in domestic bins is 100%. 	<ul style="list-style-type: none"> • wet and dry waste are transport separately to treatment plant. • Waste transported through 2 tippers. • 1.2/tpd is waste transportation per day. • 100% of 	<ul style="list-style-type: none"> • Quantity of solid waste processed 1.2 tons per day. • Treatment is done through contractor. • Aga drums, composter OWC and Shredder machine for processing facilities in operation. • Distance of processing 	<ul style="list-style-type: none"> • 2% of households dispose or throw solid waste on the streets. • 5% of non-residential premises dispose of throw solid waste on the streets. • Solid waste treatment facilities:- 1 with area of 0.3 Biswas. • Innovative Idea:- is implemented to tackle a problem to solid waste :- Vegetable shredder and Aga drum for better composter.

	<p>motorized vehicles 15%, containerized tricycle/handcraft 20% and through other devices 65%.</p> <ul style="list-style-type: none"> • 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. • 03(regular) 12 (MMSAGY) 12 (street Sweeping) 04(Processing & Disposal) manpower deployed by local body. 12(street Sweeping), 21 (D2D garbage collection), 04 (Transportation) manpower deployed through contractor/concessionaires. 		<ul style="list-style-type: none"> • 100% of non-residential premises practice storage of waste at source in commercial /institutional bins. • 8 nos. of covered metals/ plastic containers • Bin less city. • Ward wise details of waste storage depots (attach) ward: - ward no 1-7 area- 4.00sq mtrs. Population- 4351(as per 2011 census). Number of bins placed- 7 no. dual bins placed in market. 	<p>total waste transported daily.</p> <ul style="list-style-type: none"> • Composting, shredding treatment technology used. 	<p>facilities from city/town boundary: - 1km.</p> <ul style="list-style-type: none"> • Composting : -Raw material processed: - 1500 kg/day Qty final product produced: 50kg/mont Qty. sold: - 1000 kg. • RDF raw material processed qyt . 16 tons. Final produced: - 16Tons • 3ton/trip waste supplied to cement plant. 	
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			<p>Total volume of bin placed; - 2m³ (2000) let.</p> <ul style="list-style-type: none"> • Frequency of collection of waste from depots: Daily. • 4 no. of blue bins • 100% manual lifting of solid waste from storage depots 			
N.P. Narkanda	<ul style="list-style-type: none"> • Population 901 Area in sq. kilometers 1.04 • Number of households in the city/town, Number of households in the city/town 250. Number of non-residential premises in the city 60. Number of wards 7. • 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 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 95% 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% (front-end 	<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 	<ul style="list-style-type: none"> • Waste transportation per day – 4 no. hydraulic pick up. • Frequency of transportation of waste is daily. • 0.3/tpd is waste transport ation per day. • 100% of 	<ul style="list-style-type: none"> • Solid waste processed daily. • .3/tpd of waste processed daily. • Treatment is done by ULB itself. • 0.5 km distance of processing facilities from city/town boundary. • 00-18 hect. 	<ul style="list-style-type: none"> • 5% of non-residential premises dispose or throw solid waste on the streets. • 03 no of man power deployed at processing site.

	<p>of solid waste in 7 wards. 250 house hold and 60 non-residential premises.</p> <ul style="list-style-type: none"> Percentage of residential and non-residential premises covered in door to door collection through Motorized vehicle-80% and through other devices-20%. Sweeping of streets on daily basis. Length of roads, streets, lanes, bye-lens in the city that needs to be cleaned 10km. 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. 3 karamcharis and 6 outsource safai karamcharis are engaged in this. 	<p>loaders/Top loaders.</p> <ul style="list-style-type: none"> Wet and Dry waste are transported separately to treatment plant in a segregated form. 	<p>commercial /institution al bins.</p> <ul style="list-style-type: none"> 	<p>total waste transporte d daily.</p> <ul style="list-style-type: none"> Treatment technology : - Wet waste is being treated by OWC machine, dry waste is being shredded & sent to cement treatment plant. 	<p>land available with the local body for waste processing.</p> <ul style="list-style-type: none"> Compostin g 0.2 tpd raw material processed, 0.035 final product produced. Qty. sold: - 35kg Co-processing: - qty of raw material processed: - 0.2 tpd MRF site is constructe d near doja road. 	
M.C. sunni	<ul style="list-style-type: none"> Population 2591 with the area in 1.76 sq. km. Number of households in the city/town, 1500 Nos. of non-residential premises in the city 379 	<ul style="list-style-type: none"> Solid waste is stored in a segregated form. 95 % of premises segregating the 	<ul style="list-style-type: none"> Manual lifting of Solid Waste is 100%. Bin-less city. 	<ul style="list-style-type: none"> Mechanica l-specify the method used :- Front-end loaders/Top loaders. Waste 	<ul style="list-style-type: none"> Quantity of solid waste processed 1.01 tpd. Treatment is done by Municipal 	<ul style="list-style-type: none"> Provision for leachate collection: - Yes. Separate provision for dairy related activity & C&D waste.

	<p>and 7 wards.</p> <ul style="list-style-type: none"> • Quantity of solid waste generated in the local body area 1.01 tpd. • Quantity of solid waste collected 1.01 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 : other devices-100%. • Sweeping of streets daily. • 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 	<p>waste source. at</p>		<p>Transportation</p> <ul style="list-style-type: none"> • 1 Truck and 01 pick up 4-5 trips daily. • Percentage of total waste transportation is 100% daily • Quantity of waste transported each day 1.01/ tpd. 	<p>contractors</p> <ul style="list-style-type: none"> • 2 bigha land is available with the local body for waste processing. • Land currently utilized for waste processing • Solid waste processing facilities in operation • Composting:- raw material processed- 0.56tpd. and RDF raw material processed Qty. 0.45Tons • 0.5 km distance of processing facilities from city/town boundary. 	
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	<p>collection/waste storage containers utilized.</p> <ul style="list-style-type: none"> • 21 no's of safai karmchari's through contractor and 03 no;s Regular safai karmchari's. 					
N.P. Chopal	<ul style="list-style-type: none"> • Population 1851 with the area of 4.00 sqm km. • 1150 Number of households in the city/town. 414 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 1150 nos. No. of non-residential premises 414. • Percentage of residential and non-residential premises covered in door to door collection through : Motorized 	<ul style="list-style-type: none"> • Solid waste is stored at source in a segregated form. • 95% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Lifting of solid waste from storage depots is 100% manual. • Bin less city. • Ward wise details of waste storage depots: - all 7 wards and 4.00km sq and 1851 population. 	<ul style="list-style-type: none"> • Waste Transport ation-through 1 trip/day (1 pickup). • Manual lifting of solid waste. • 100% frequency of Transport ation of waste on daily basis is daily. • Quantity of waste transported each day 0.72 tpd. 100% of total waste transported daily. • Treatment is done through compostin 	<ul style="list-style-type: none"> • 0.72/tpd solid waste processed. • 1 bigha land is identified for setting up of SWM but not transferred in the name of NP Chopal. • Solid waste processing facilities is under construction. • Distance of processing facilities from city/town boundary is 2 km. 	<ul style="list-style-type: none"> • Site available with the local body. • 728 m2 area of each such sites available • Distance from site city 1km away. From water body. 2 km, and 100mt. from state highway, distance from important religious places or historical monument 1 km. • Manpower deployed at site and covering is done on daily basis. material used Polythene Tar pal.

	<p>vehicle-40% and through other devices-60% (separate bags used for dry and wet bags).</p> <ul style="list-style-type: none"> • 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 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 collection tool synchronizes with collection/waste storage containers utilized. • 09 no's of manpower deployed by local body and 03 SK attached through contractor on outsource basis. 			<p>g pits</p> <ul style="list-style-type: none"> • Treatment is done by local body itself 		
N.P. Chirgao n	<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 	<ul style="list-style-type: none"> • Solid waste is stored at source in a segregated form. • 85% of premises segregating 	<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 	<ul style="list-style-type: none"> • Quantity of solid waste processed 1.01/tpd. • Land available with the local body 	<p>NP is facing difficulties in disposal of plastic waste due to non-availability of land.</p>

	<p>tone/day.</p> <ul style="list-style-type: none"> • 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. • 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. • 16 no of safai karmcharis. 01 nos of driver& 01 no. supervisor through contractor. 	<p>the waste at source.</p>		<p>d daily.</p> <ul style="list-style-type: none"> • Lifted form D2D transported to treatment plant directly in segregated from: - Wet and dry waste are transported separately to treatment plant. 2 Trips daily through 1 no. pick-up. • Treatment is done by contractor 	<p>for waste processing :- FCA case is in process.</p> <ul style="list-style-type: none"> • Solid waste processing facility in operation :- compost pits and Temporary MRF shed. • Composting:- wet waste generated Qty:- 0.56, qty raw material processed:- 0.20TDP in composting pits. Piggry :-0.16 and 0.20TDP is self-disposed by local people for cattle feed. • RDF qty raw material processed Qty. 11.97 Tons. • Co Processing 	
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						:- 1.97 ton snet to bhariyal plant	
N.P. Kotkhai	<ul style="list-style-type: none"> Population 1190 with the area of 1.5 sq. kilometers. Number of households in the city/town, 713 (including commercial establishment). Number of election/administrative wards in the city in 7. 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 	<ul style="list-style-type: none"> Solid waste is stored in a segregated form. 100% of segregation and storage 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"> 0.5 tpd waste transported each day. Transportation through one pickup. 100% total waste transported daily Organic waste convertor treatment technologies used. 	<ul style="list-style-type: none"> Waste treatment technology used:- Yes (Organic waste converter for wet waste and shredder for dry waste.) 0.3 tpd(OWC machine & GAIA drums) & 0.2 Tdp (shredder machine) waste processed daily. Solid waste processing facilities in operation. Distance of processing facilities from city/town :- 0.5 km Details of 	<ul style="list-style-type: none"> 01 No. of sites available with the local body and 1 bigha area of such site available for waste processing sites. Distance from city 1.5 km. Distance from habitation 500 mtr. Along the side of national highway, 02 km from important religious place or historical monuments Provision of leachate collection is available Action plan is prepared for improving SWM practices in the city. 	

	<p>covered in d2d collection through: Motorized vehicle-20%, containerized tricycle/handcart-30%, other device-50% (manually).</p> <ul style="list-style-type: none"> • Sweeping of streets once a day. • Length of roads, streets, lanes, bye-lanes 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 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. • 07 No sanitary workers deputed on outsource basis & 01 no. private pick-up has hired for transportation of garbage. 				<p>technologies used: - OWC installed for processing of wet waste and Shredder is used for dry waste.</p> <ul style="list-style-type: none"> • Composting: - Yes (by OWC machine) • RDF:-Yes. • Combustible waste supplied to cement plant and solid waste-based power plants. 	
N.P. Jubbal	<ul style="list-style-type: none"> • Population 1640 with area in sq. kilometers 	<ul style="list-style-type: none"> • 80% of premises 	<ul style="list-style-type: none"> • Percentage of 	<ul style="list-style-type: none"> • Solid waste is lifted 	<ul style="list-style-type: none"> • Quantity waste 	<ul style="list-style-type: none"> • 2% of households dispose or throw

	<p>0.96 Km²</p> <ul style="list-style-type: none"> • Number of households in the city/town, 540. • Quantity of solid waste generated in the local body area 0.64tpd. • Quantity of solid waste collected 0.45 /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, 	<p>segregating the waste at source.</p> <ul style="list-style-type: none"> • Solid waste is stored at (domestic bins) source in domestic/commercial/institutional bins. 	<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. • Ward wise details of waste storage depots :- Ward No. 01-7, area 0.96 sqm, population 1640 (as per 2011 census) • Lifting of solid waste from storage depots is manual 100%. 	<p>from d2d and transported to treatment plant directly in a segregated from :- wet & dry waste are transported separately to treatment plant 80%</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 0.45 tpd. • 2 trips daily and transported through 1 pick-up 	<p>processed 0.45 tpd.</p> <ul style="list-style-type: none"> • Treatment is done by ULB itself. • Land available with the local body for waste processing is Kh. No .863 (320.11m²) • Solid waste processing facilities is operational. • Composting :- Qyt raw material processed 0.315 Tdp, & Qty. final product produced 0.0315Tdp. • Combustible waste supplied to solid waste based power plant:- 1 Ton sent to Waste to energy plant Bhariyal Shimla. 	<p>solid waste on the streets.</p> <ul style="list-style-type: none"> • 1% of non-residential premises dispose of throw solid waste on the streets. • 1 MRF plant, composting pits, • Provision for leachate collection • Action plan for improving SWM practices in the city.
N.P.	<ul style="list-style-type: none"> • Population 2216 with 	<ul style="list-style-type: none"> • Solid waste 	<ul style="list-style-type: none"> • 95% of 	<ul style="list-style-type: none"> • 100% 	<ul style="list-style-type: none"> • Quantity of 	<ul style="list-style-type: none"> • Area of site available for

<p>Nerwa</p>	<p>area in sq. kilometers 0.94 Km²</p> <ul style="list-style-type: none"> • 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 0.66 tpd. • Quantity of solid waste collected 0.66 /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 1 km. • long handle broom, wheel barrow used by sanitation workers, each sanitation 	<p>is stored at source in segregated form.</p> <ul style="list-style-type: none"> • 70% of premises segregating the waste at source. 	<p>households practice storage of waste at source in domestic bins.</p> <ul style="list-style-type: none"> • 01 no's of open waste storages site. • Lifting of solid waste from storage depots is manual 100%. 	<p>Manual lifting of waste by tipper.</p> <ul style="list-style-type: none"> • The waste transported waste to energy plant Bharayal through tipper. 	<p>solid waste processed is 0.66/tpd. Solid waste processing facilities under construction:- SWM case under FCA.</p>	<p>waste processing - 4 bigha (identified)</p> <ul style="list-style-type: none"> • Distance of site 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. • Difficulties:- NP nerwa is facing difficulties in disposal of plastic waste, due to non-availability of land. • Innovative ideas:- NP nerwa take a temporary land for SWM on lease in GP Kedi,
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	<p>worker is given handcart/tricycle for collection of waste.</p> <ul style="list-style-type: none"> • 20 manpower deployed through Contractor/concessionary's. for collection including street sweeping, secondary storage, transportation, processing & disposal of waste. 					
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 17833. • No of non-residential 2723 Number of election/administrative wards in the city in 17. • Quantity of solid waste generated in the local body area 25 tpd. • Quantity of solid waste collected 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, 17833 approx households covered and 2723 no. approx. of non-residential premises 	<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 • 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. 	<ul style="list-style-type: none"> • 85% waste is being collected from D2D through garbage collectors and stored in secondary storage cabins with green and blue compartment for wet and dry waste. Thereafter, the waste is lifted and transported to SWM site through 	<ul style="list-style-type: none"> • Quantity of solid waste processed 25 tpd. • Treatment done through agency (M/s Suntan life) • Land available 1.88 hect are with the local body. • 1 Hectare land currently utilized for waste processing. • 8 Km distance of processing 	<ul style="list-style-type: none"> • 1 no of Solid waste dumpsite is available with the local body. • 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 • Weight bridge facility available. • Leachate collection tank has been constructed. • Action plan has been prepared for improving SWM practices:- Waste collection, transportation and

	<p>including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 15% motorized and 85% other device (manual).</p> <ul style="list-style-type: none"> • Sweeping of streets daily. • 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. • 62.no.(sweeping staff deployed for street sweeping secondary storage, transportation) by local body. • 149 no. deployed for collection including street sweeping, secondary storage, transportation and 15no. for processing & disposal 		<ul style="list-style-type: none"> • 100% Manual lifting of solid waste from storage depots. 	<p>vehicles with seprate compartment and 15%waste is being collected from households/commercial units through vehicles and transported to SWM site, Salogra.</p> <ul style="list-style-type: none"> • Waste transportation:- 25 tons per day 3 no. tipper and 8 no. Mahindra pickup. • Frequency of transportation of waste daily, 100%. • 100% of total waste transported daily. • Treatment 	<p>facilities from city/town.</p> <ul style="list-style-type: none"> • The various civil works regarding development of SWM site and instalment of ETP, cattle trap is under process. • Technologies adopted:- MRF, mechanical sorter, vibrator and bailing machines are installed and wet waste processed through Bio methanation technology by contractor M/s Suntan life. 	<p>processing work has been outsourced by MC solan.</p> <ul style="list-style-type: none"> • C&D waste:- MC Solan has identified the C&D waste and request has been sent to DC, Solan for transfer or ownership of land on the name of MC Solan. • Difficulties:-Lack of sufficient man power and public cooperation with garbage collection staff in source segregation • Innovative idea is:- MC Solan is collecting wet waste on Monday, Wednesday, Thursday, Saturday& dry waste on Tuesday, Friday and domestic hazardous waste on Thursday to ensure proper segregation and disposal. MC Solan also install Secondary storage cabins to reduce the GVPs and littering.
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	<p>of waste through contractor/ concessionaires.</p>			<p>technology used:- Fresh waste is semi processed (primary segregation and wet weight reduction through micro bacterial cultural spray) at SWM site Salogra on daily basis and there after semi processed fresh waste(wet) is sent out of SWM site to bio-methanation plant, jatwad, Haryana and segregated dry waste to recyclers and pre-processors by contractor.</p>	<ul style="list-style-type: none"> • Bio-methanation:- The waste processing work has been outsourced M/s Suntan life • Refuse derived fuel:- Managed by agency M/s Suntan). 	
M.C.	<ul style="list-style-type: none"> • Population 10702 as per 	<ul style="list-style-type: none"> • Solid waste is 	<ul style="list-style-type: none"> •74% (20%) of 	<ul style="list-style-type: none"> • Solid 	<ul style="list-style-type: none"> •6-8 mt/tpd 	<ul style="list-style-type: none"> • MC Nalagarh follows

<p>Nalagarh</p>	<p>census 201 (5000 floating population).</p> <ul style="list-style-type: none"> • 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 is 9. • Quantity of Solid waste generated in the local body area 6-8 MT/tpd tone. • 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. • 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 	<p>stored at source in a segregated form.</p> <ul style="list-style-type: none"> • 45% (earlier 30%) of premises segregating the waste at source. 	<p>household practice of storage of waste at source in domestic bins.</p> <ul style="list-style-type: none"> • 15% of non-residential premises practice of storage of waste at source in commercial/institutional bins. • Secondary waste storage facilities. • Bin less city. • 16 no's of dumper being placed in 9 wards. • Frequency of collection of waste from the depots number of bins cleared:- Daily 16bins, Alternate day- 10 bins, twice a week 6 bins 	<p>waste is lifted from d2d (collected and transported by JBR.</p> <ul style="list-style-type: none"> • Waste transported through Tractor 2 no. (2 trip per day each tractor), Dumper placers 01 no's 2 trips each dumper, 1 no Mahindra pick-up and 1 JCB through contactor. • Quantity of waste transported each day 6-8 MT per day. • Total of 100% waste transported daily. • Treatment Technolog 	<p>of Solid waste processed daily.</p> <ul style="list-style-type: none"> • Treatment is done by out source to M/s JBR Technologies . • Land available 6.8 hectare land in cluster mode with BBND at Kenduwal with the local body. • 1 Hect. Land utilized for waste processing. • RDF and compost based plant to being established by JBR Ltd at SWM site Kenduwal. • Solid waste processing facilities in operational. • Distance of processing 	<p>zero landfill model.</p> <ul style="list-style-type: none"> • 5 % of households and 0-5% (earlier 10%) of non-residential dispose or throw solid waste on the streets. • Action plan has been prepared for improving SWM practices in the city. • 05 no's of slum are landfill are provided with SWM facilities. • Difficulties: - lack of sufficient man power and public cooperation with garbage collection staff in source segregation • Innovative idea is implemented to tackle problem: - installation of Secondary storage points to reduce the GVPs and littering.
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	<p>%. <ul style="list-style-type: none"> • 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: - Shovel, Kangi, bags, 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. • 30nos of safai karamcharis being deployed by MC nalagarh on contractual basis for sweeping of roads and cleaning of drains) 24 No's karamcharis deployed by M/S JBR for D2D waste collection from Nalagarh to Kenuwal. </p>			<p>y: - MRF for dry waste and windrow for wet waste.</p>	<p>facilities from city/town boundary: - 3.5 kms <ul style="list-style-type: none"> • Technologies adopted: - Waste to compost. • RDF: - managed by m/s JBR for BBNDA </p>	
M.C. Parwanoo	<ul style="list-style-type: none"> • Population 28758 (Floating population). • Area 8.31 sq km. • Number of households in 	<ul style="list-style-type: none"> • Status of Solid waste Management service:- Waste 	<ul style="list-style-type: none"> • 80-90% of household practice storage of 	<ul style="list-style-type: none"> • Waste transportation: - 10 no. trips 	<ul style="list-style-type: none"> • Solid waste processed:- Presently D2D garbage 	<ul style="list-style-type: none"> • Waste collected by MC Parwanoo and processed the same by 3rd party M/s Sutan life

	<p>the city/town 3500. No of non-residential 286 units. Number of election/ administrative wards in the city in 9.</p> <ul style="list-style-type: none"> 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%. Tools used:-Hand carts, brooms, belcha kassi, kangi Manual sweeping 100%. 	<p>collected by MC Parwanoo and transported the same by MC from 1/12/2023 and processed M/s Sutan life Panchkula w.e.f. 22/01/2025</p> <ul style="list-style-type: none"> Solid waste is stored at source in segregated form. 80% of premises segregating the waste at source. 	<p>waste at source in domestic bins.</p> <ul style="list-style-type: none"> 80-90% of non-residential premises practice storage of waste at source in commercial /institutional bins. Bin-less city:- city has been declared bin-less. Total capacity of waste storage in cubic meters:- 1073 sqm area. Lifting of Solid waste from storage depots is mechanical lifting i.e 100%. 	<p>made per day 5 no's of vehicle, 2 tractors, 1 no. dumper placer and 5 nos. pickups.</p> <ul style="list-style-type: none"> 100% daily frequency of waste transported. 6/ tpd quantity of waste transported each day. 10 no. trips made per day 5 no. of vehicle, 2 tractors for lifting the garbage on daily basis in the town 5no's of pick-up used for transportation Treatment 	<p>collection are being done by itself from 01.12.2023 and processed the same by the 3rd party M/s Sutan life Panchkula w.e.f. 22/01/2025</p> <ul style="list-style-type: none"> Collection, transportation by MC from 1/12/2023 itself and processing of waste being outsourced M/s Sutan life Panchkula 	<p>Panchkula w.e.f. 22/01/2025.</p> <ul style="list-style-type: none"> 1-2% of household dispose or throw solid waste on the streets. 1 no of sites available with the local body. 2725 sqm area is available. 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. Action plan:- D2D GC 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 Sutan Life Panchkula from 22/01/2025 Difficulties:- Lack of general public support in segregation at source.
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	<p>Long handle broom used by sanitation workers, handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized.</p> <ul style="list-style-type: none"> • 7 no's of own manpower deployed by local body and 49 manpower deployed through Contractor/concessionaire's for collection including street sweeping, secondary storage, transportation, processing & disposal of waste. 			<p>technology used :- outsource to 3rd party M/s Suntan life Panchkula since 22/01/2025.</p>		
M. Corp. Baddi	<ul style="list-style-type: none"> • Population 29911 (90,000 floating population). • Area 11.52 sq.km. • Number of households in the city/town 8952 • No. of non-residential 4454. • 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 380 gm/day. • Door to Door Collection of solid waste 	<ul style="list-style-type: none"> • Solid waste management being managed by M/s JBR • 30-35% of premises segregating the waste at source. • No, segregation done at kenduwal.. 	<ul style="list-style-type: none"> • 15% of Solid waste is stored at source in domestic/commercial / institutional bins. • Cement concrete cylinder bins:-3, 2 to 5 m3 bins:-10 No.s (approx.. 12-15 MT). • Ward wise detail of waste depots ward 12 no 	<ul style="list-style-type: none"> • 12 no. Tractor-trolley (20-24 trip made waste Trips each day. • 12 no's of Tractor (2trips per tractor) 01 Nos of Dumber Placers (12trips each Dumber). 2 No. JCB through Contractor. • Frequency 	<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 BBNDA at Kenduwal SWM site. • 1 hec. Land utilized (site managed by JBR). • Processing facility is 	<ul style="list-style-type: none"> • 5-10% of households and 5-10% non-residential dispose of throw solid waste on the streets. • 01 No. of dumpsites. • 6.8 Hectares of sanitary landfill sites available with the local body. • 1 hect. Area of such site available for waste disposal sites. • Distance of site from city 3.5 km • Distance from habitation 0.5 km, from water body 100 mtr. Distance from national highway

	<p>100% in 9 wards. No. of households covered 8952. 4454 nos. non-residential premises covered in d2d collection through outsourced to M/s JBR</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%. • Manual Sweeping 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. • 80 Nos, of Safai Karmcharis being deployed by MC Baddi on contractual basis for sweeping of roads and Cleaning of drains) • 70 Nos of karamcharis deployed by M/s JBR for D2D waste collection from Baddi to Kenduwal. 		<p>of dumper type bins placed in all 9 wards.</p> <ul style="list-style-type: none"> • Total Storage capacity of waste storage facilities in cubic meters: - 12-15 MT • 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 50% mechanical 50% Manual. 	<p>of transportation of waste is on daily basis 100%.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 25-30 tpd. • 100 % waste transported daily. • Treatment technologies:- MRF for dry waste and window for wet waste 	<p>operational</p> <ul style="list-style-type: none"> • Distance of processing facilities from city is 3.5km. • Technologies adopted:- Waste compost. • RDF:- Managed by M/s JBR for BBNDA • Cement plant and solid waste based power plant Managed by M/s JBR for BBNDA. 	<p>1.5 km. distance from airport & religious place 50 km.</p> <ul style="list-style-type: none"> • Landfill site is fenced and landfill facility is available on site • Weigh bridge facility available. • JCB and Poke lane etc. vehicles and equipment's used at landfill site. • Provision for leachate collection:- leachate collection tank made by M/s JBR at site. • Action plan is prepared for improving SWM practices in the city. • 5 no's of slums are landfill and also provided with SWM facilities. • Difficulties:- Lack of sufficient man power and public cooperation with garbage collection staff in source segregation. • Innovate Idea:- Installation of Secondary Storage points to reduce the GVPs and littering.
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<p>N.P. Arki</p>	<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 body area 0.6 tpd/day. • 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%. 90% Manual. • 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 	<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. • Frequency of waste Transported 100% • Treatment Technology: - MRF for dry waste and OWC for wet waste. 	<ul style="list-style-type: none"> • 0.6tpd quantity of waste processed daily. • Treatment is done self NP Arki. • Land available 2 hectare with the local body. • 450 sqm land is currently utilized for waste processing. • Solid waste Processing facilities is operational. & development work ongoing. • Distance of processing facilities from city/town boundary: - Outside city. • Technology adopted: - 	<ul style="list-style-type: none"> • NP Arki zero landfill model. • 1 no. of processing site available with the local body. • 2 Hectare land is currently used. • Distance from city/town 1.2 km. Distance from habitation 1km. Distance from national highway 3 km. • Action plan has been prepared for improving solid waste: - the waste collection, transportation and processing work has been outsourced. • Difficulties:- Lack of sufficient man power and public cooperation with garbage collection staff in source segregation. • Innovative Idea:- Installation of Secondary storage points to reduce the GVPs and littering.
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	<p>collection/waste storage containers utilized.</p> <ul style="list-style-type: none"> • 2 sweeping staff deployed by local body for collection including street sweeping, secondary storage, transportation) and 27 staff deployed through contractor/concessionaire 's. 				<p>OWC</p> <ul style="list-style-type: none"> • Refuse Derived Fuel: - Send Ambuja Cement Plant Darlaghat • Combustible waste supplied to cement plant. 	
N.P. 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 7. • 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 210 no. approx. of non- 	<ul style="list-style-type: none"> • Segregation and storage of waste at source • 50% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • City is bin less. • Total waste actually stored at the waste storage depots daily is 1.5 tpd approx.. • 100% manual lifting of solid waste from storage depots in external. 	<ul style="list-style-type: none"> • Transported through 2 non Tipping Truck and 01Nos. of Tipping Truck. • Frequency of transportation of waste is daily basis. 100% • 1.50 tpd quantity of waste transported each day. • Treatment technology:- All solid waste processed at SWM 	<ul style="list-style-type: none"> • Quantity of solid waste processed:- 1.5/tpd. • Technology:- all solid waste sent to SWM plant Bharyal, Shimla for disposal. • Treatment is done by Outsourced to Contractor. • Solid waste processing facilities in operation. • Distance of processing facilities 	<ul style="list-style-type: none"> • 1% of non-residential premises dispose or throw solid waste on the streets. • Solid waste disposal facilities:- All solid waste processed at SWM Plant Bhariyal, MC Shimla. • Action plan:- the waste collection transportation and processing work has been outsourced • Difficulties: - NP kandaghat has no SWM plant & lack of qualified sanitary inspector/Supervisor.

	<p>residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc. through Outsourced garbage collection agency (Manually D2D other device). Through 50% motorized vehicle and 50% (manual)</p> <ul style="list-style-type: none"> • Daily streets sweeping in area of 6.20Km/ • 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. • 20 man power deployed through Contractor/concessionaire's for D2D garbage collectors, transportation staff and sweeping staff) 			<p>plant Bharyal, Shimla for disposal.</p>	<p>from city: - Outside city.</p>	
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 	<ul style="list-style-type: none"> • Status of Solid Waste Management Service:- Solid waste management service implementing in 	<ul style="list-style-type: none"> • 95% of households practice storage of waste at source in domestic bins. • 100% of non 	<ul style="list-style-type: none"> • Lifting from door to door and transported to treatment plant directly in a 	<ul style="list-style-type: none"> • 12.22 tpd quantity of waste processed daily • Treatment is done through 	<ul style="list-style-type: none"> • 0.2% of households dispose or throw solid waste on the Streets. • 0.1% of non-residential premises dispose or throw solid waste on the Streets.

	<p>in the city 4300 approx. Election/administrative wards in the city/town 13 wards.</p> <ul style="list-style-type: none"> Quantity of solid waste generated 12.22 tpd. Quantity of solid waste collected 12.22 tpd. Per capita collected per year is 300gm/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 	<p>all 13 wards as per solid waste management act 2016.</p> <ul style="list-style-type: none"> Yes and safai workers also collect the separately dry and wet waste. 40% of premises segregating the waste at source. 	<p>-residential premises practice storage of waste at source in commercial /institution al bins.</p> <ul style="list-style-type: none"> Bin less city. Frequency of collection waste storage facilities is approx.. 75 	<p>segregated form.</p> <ul style="list-style-type: none"> Waste transportati on per day is 12.22 transported to SWM plant. Waste transported through 1 no. tractor. 03 no of e-rath, 8 Mahindra pickup & 03 tempo collector, 25 no. of handcarts/ wheel-barrows. Frequency of transportati on of waste daily 100%. Quantity of Waste transported per day is 12/tpd. 100 % waste transported daily. 	<p>private agency</p> <ul style="list-style-type: none"> 2000 sqm or 5.5 Bigha land is available with the local body for waste processing. Currently 2 Bigha land is utilized for waste processing. 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 	<p>Disposal facilities:-</p> <ul style="list-style-type: none"> 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. Difficulties: - Biggest difficulties is collect the garbage user charges from commercial units and convince garbage generators for segregation at source in spite the regular IEC regarding SWM in all wards through SHG members and involvement of local residents of their respected Wards.
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	<p>percentage of population covered daily is 100%.</p> <ul style="list-style-type: none"> • 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. • 40 regular manpower of MC nahan for street sweeping in the area of MC Nahan. • 112 workers deployed through CLC Nahan for day to day Garbage collection and street & road sweeping. 			<ul style="list-style-type: none"> • 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>outsourced through private agency (Suntan life) so all the machinery using by agency for 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 	
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					<p>cement plant time to time.</p> <ul style="list-style-type: none"> Combustion waste supplied to cement plant: - Converts in RDF and sent to time by agency by itself. 	
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 and collected 11/ tpd (3-4 tdp waste of adjoining Panchayats received at SWM Plant so 15-16 tons waste collected per day at SWM plant. Per capita waste collected 300/gm/ day. Door to Door: - D2D Collection of solid waste is being done in the city 	<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. 2 bin in every wards. 02 dustbins are installed in every wards for safe garbage collection. Storage capacity of waste storage:- 5 	<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 handcarts/wheel-borrows. Frequency of transportation of waste daily is 100%. 	<ul style="list-style-type: none"> Quantity of solid waste processed 11/tpd. Treatment is done through private agency. 5 bigha land available with the local body for waste processing & also currently utilized. Distance of processing facilities from city/town 7 	<ul style="list-style-type: none"> 0.2% of households dispose or throw solid waste on the Streets. 0.1% of non-residential premises dispose or throw solid waste on the Streets. Difficulties: - segregation at source is the biggest difficulties for MC because local citizens not support MC in spite of regular IEC activities regarding SWM in all the wards. Domestic and commercial unit's not paying garbage user charges to MC.

	<p>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.</p> <ul style="list-style-type: none"> • 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. • 31 regular manpower for street sweeping in the area of MC Paonta Sahib. 		<p>to 3 meters containers</p>	<ul style="list-style-type: none"> • Quantity of waste transported each day 11/tpd. • 100 % total waste transported daily. 	<p>km from Paonta Sahib.</p> <ul style="list-style-type: none"> • Composting: - Qty raw material processed: -3tpd. Qty final product produced: - 150 kg/day. • Qty utilized in MC own parks and gardens. • Bio-methanation: - The work of daily waste processing has been awarded to private agency (M/s Suntan life) so all the wet waste lifted by agency its own plant and wet waste using in Bio- 	
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	<ul style="list-style-type: none"> • 105 workers deployed through CLC Nahan for day to day Garbage collection and street sweeping. 				<p>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 	
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					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 1283. • 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 1.2 MT. • Quantity of solid waste Collected 1.2 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, 1283 households covered and 1283 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 75% 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 	<ul style="list-style-type: none"> • Waste transported: - 02 no. of small Mahindra Pickup haired through outsource for transportati on of daily generated waste from all the 7 wards. • 100% waste of total waste transported daily. 1.2 tpd • Frequency of transportati on of waste daily. • Quantity of waste transported each day 1 tpd. 	<ul style="list-style-type: none"> • 1.2 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 	<ul style="list-style-type: none"> • 0.9% of household dispose or throw solid waste on the street. • 1% of non-residential premise 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 facility from city. • 200 m from the nearest habitation. • 10 km from the water body. • 150 km from the national highway, 100 kms from airport and 15 kms from religious places. • Action plan prepared. • Difficulties:- Financial constraints. • Innovate Idea:- Preparing Poly bricks by single use plastic.

	<p>are covered through 35% motorized vehicle and 65% other device.</p> <ul style="list-style-type: none"> • All the waste collected manual through safai workers. • 2.8 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 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. • 20no's. Own manpower deployed, 10 through constraints. 		<p>waste storage facilities in 6.93 cubic meters.</p> <ul style="list-style-type: none"> • Storage depot facility for storage of segregated waste :- 04 green bin, 04 no. of blue bins and 02 no. of black bins. • Manual lifting of Solid waste is 100%. 	<ul style="list-style-type: none"> • Treatment technologies used:- Feeding to animal. 	<p>17 km away from NP Rajgarh city.</p> <ul style="list-style-type: none"> • Distance of processing facilities from city/town boundary is 15 km. • Technologies adopted:- Bailing machine using for dry waste and all the wet waste sent to animal feeding at hariom Goushala. • RDF:- yes, • Energy technology- sent to cement time to time. • 30 combustible waste supplied to cement plants. • 570 MT combustible waste supplied to 	
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					solid waste based power plants.	
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. • Estimated Quantity of solid waste generated in the local body area 5.06tpd. Quantity of solid waste collected 5.06tpd. 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 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 95% 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"> • Waste transportation is 5.00 qtl (trip made) Through 1 tipping trucks and 10 no. of Jeep, Three wheelers • Frequency of transportation of waste. Daily 90% basis. Alternate 5 %. • Quantity of waste transported each day 5.0/tpd. 90% waste transported daily. 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 5.6/tpd. 	<ul style="list-style-type: none"> • 5% households dispose or throw solid waste on the streets. • A new SWM site has been selected by the MC Bilaspur adjacent to proposed sewerage treatment plant in ward No. 8 and the work is in progress. • Action Plan:- D2D collection have been made started in 11 wards and it will be covered all the MC area. • Difficulties:- MC doesn't have any recycling plant nearby. • Innovative Idea:- MC Bilaspur has started 100% D2D garbage collection which has resulted beautification of the city.

	<p>sweepings and percentage of population covered daily is 65%, alternate days is 25%, twice a week is 5% and occasionally is 5%.</p> <ul style="list-style-type: none"> • Tools used:- 100% Mechanical sweeping • Long handle broom handcraft/ tricycle are used by sanitation workers. • 8 no. of manpower deployed by local body and 36 no. of manpower deployed by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste. 					
M.C. Shri Nainadevi	<ul style="list-style-type: none"> • Population 1204 (As per Census 2011). • Area 0.82 sq km. • Number of households in the 219 of non-residential premises in the city 337. • Number of election/administrative wards in the city/town 7. • Quantity of Solid waste (solid waste)-049.363 MT per year • Estimated Quantity of solid waste generated in 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 100% 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 	<ul style="list-style-type: none"> • Waste transported through non tipping truck 1 no. 25 trips made. • Frequency of transportation of waste. 	<ul style="list-style-type: none"> • Quantity of solid waste processed is .01501TDP approx.. • Treatment is done by self. • 0.045 hect. land available with the local body for waste processing. • Distance of 	<ul style="list-style-type: none"> • Action plan has been prepared for improving of SWM practices in the city.

	<p>the local body area 0.0150 MT Approx.</p> <ul style="list-style-type: none"> • Quantity of solid waste collected 0.0150 MT 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, 219 approx. households covered and 337 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 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 		<p>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. • 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 	<p>Daily 100%</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 0.1 tpd. • 100% of total waste transported daily. • Technologies adopted: Composting & RDF Composting:- Road making , and others. 	<p>processing facilities from city/town boundary.:- Within town.</p> <ul style="list-style-type: none"> • Solid waste processing facilities in operation:- Pits, MRF • Composting: - Qty. of raw material processed =21.22T final product 2.1 approx. • RDF :- qty. of raw material processed 21.160 T. 	
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	<p>collection/ waste storage containers utilized.</p> <ul style="list-style-type: none"> • 100% frequency of collection of waste from the depots is 30% daily. • 25 workers through contractor/concessionaire's deployed for collection, street sweeping, secondary storage, transportation, processing and disposal of waste. 		<p>stored at the waste storage depots daily is .4/tdp.</p> <ul style="list-style-type: none"> • 100 % Lifting of solid waste from storage depots is manual. 			
M.C. 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 2.92/tpd. • Quantity of solid waste collected per day 2.92/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, 713 households covered and 320 of non-residential premises 	<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%. • 90% of non-residential premises practice storage of waste at source in commercial/ 	<ul style="list-style-type: none"> • Waste transported through 1 no's Tractors Trips made 2 with waste 950 kg 1 no's tipping truck trips 2,waste 550kg. Other mini tempo-7 one trips with waste 1492 kg. • Frequency of transportation of waste :- 	<ul style="list-style-type: none"> • Quantity of solid waste processed 2.9/tpd. • Treatment is done by local body. • Distance of processing facilities from city/town boundary:- with in the limits of MC Ghumarwin at W.No. 2. • Composting: - Qty raw material processed - 1.69tdp, Qty final product produced - piggery farm 	<ul style="list-style-type: none"> • 0-2% households dispose or throw solid waste on the streets. • 0-2 % of non-residential premises dispose or throw solid waste on the streets. • MC Ghumarwin follow zero landfill model. • Piggery farming& RDF technology.

	<ul style="list-style-type: none"> including commercial establishments, hotels, restaurant, educational institutions/offices 100% frequency of street sweepings and percentage of population covered daily is 70%, alternate days is 15% and twice a week is 10% and 5% Occasionally. Length of Roads-76.00km. Tools used:- 100% Manual sweeping with Shovel, Broom, Spade, Kangi, Sword, bags used by sanitation workers and handcart/tricycle for collection of waste. 4no's of manpower deployed by local body and 35 Nos. safai karamcharis deployed on outsource basis through contractor. 		<ul style="list-style-type: none"> institutional bins. No. and type of waste storage depots in the city/town:- The city is dustbin free. 	<ul style="list-style-type: none"> Daily 100% Quantity of waste transported each day:- 2.92/tpd. 100% of total waste transported daily. Wet waste sent to piggery farm and RDF 	<ul style="list-style-type: none"> Combustible waste supplied to cement plant-112.46 	
N.P. 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 	<ul style="list-style-type: none"> Segregation of waste in 7 wards. Solid waste is stored in a segregated form. 98% of premises segregating the waste at source. 	<ul style="list-style-type: none"> 98% of households practice storage of waste at source in domestic bins. 98% non-residential premises practice 	<ul style="list-style-type: none"> Solid waste is collected through safai karamch ari and lifted through vehicle of NP. Waste 	<ul style="list-style-type: none"> Solid waste is processed 1.92 tpd. Technologies adopted:- Composting:- Raw material processed: 	<ul style="list-style-type: none"> 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. Distance from nearest habitation 0.500 km Distance from water

	<p>generated in the local body area 1.92 Ton</p> <ul style="list-style-type: none"> 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 354 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 covered 75% daily. Alternate 15% .Twice a week 10% Occasionally 5% Tool used 100% Manual sweeping. Long handed broom used by sanitation workers. 		<p>storage of waste at source in commercial/institutional bins.</p> <ul style="list-style-type: none"> Lifting of solid waste is from depots is 100% mechanical lifting and the method is front-end loaders/top loaders. 	<p>transportation per day through 1 Tipping Truck and 4 Trips made.</p> <ul style="list-style-type: none"> Frequency of transportation of waste daily 100 % waste transported daily. Quantity of waste transported each day is 1.92 ton. 95% of total waste transported daily. Treatment Technology:- Composting and RDF and treatment is done by the local body. 	<p>-0.92 tdp. Qty final product produced:- compost. Qty Sold:- 7800 kg (during the year 2024-25).</p> <ul style="list-style-type: none"> 95.01 ton combustible waste supplied to cement plant 	<p>body .100 km., distance from national highway is 15 km, Airport-170 kms and important religious place is 1.00km</p> <ul style="list-style-type: none"> Difficulties:- Non-cooperational attitude of the Elected body of the NP as well as local resident of the area. NP Talai is a religious place where thousands of pilgrims are visiting the town and they also litter waste around in the town. It is also submitted that there is shortage of sanitation workers.
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	<ul style="list-style-type: none"> • 2Nos. manpower deployed by local body. 14 Nos. safai karmachari deployed on outsource basis through contractor. 					
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, 	<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 	<ul style="list-style-type: none"> • 17.31/tpd solid waste processed. • 0.538 hectares land available with the local body for waste processing . • Land currently utilized for waste processing .538. • 2 Solid waste processing facilities. • 1 no solid waste processing facilities under construction. • 6 Km distance of processing 	<ul style="list-style-type: none"> • 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 national highway 0.1 km distance from airport 75 km and 6km. from religious places or historical monument.\ • site is fenced and lighting facility is available on site • Weigh bridge facility available. • Difficulties: - Topography of sits is hilly and remains shady during winter. • Innovative Idea: - IEC activities have done by this MC to aware People.

	<p>street, lanes in the city, that needs to be 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. • 22 Nos. manpower deployed by local body and 275 workers are engaged through Contractor, CLC and MMSAGY Scheme. 			<p>waste daily is 100%.</p> <ul style="list-style-type: none"> • Treatment technology- Composting pits for wet waste and MRF is for dry waste. 	<p>facilities from city/town boundary.</p> <ul style="list-style-type: none"> • Details of technologies adopted: - MRF and OWC Machines. • Technology :- Composting: - 5 tpd raw material processed. Refuse derived Fuel:- 2.50 Ton per week raw material processed. • Other:- 2.81 Tons per week. 	
M.C. Sunder Nagar	<ul style="list-style-type: none"> • Population 24344. • Area in kilometers 12.06 9 sq km. • 8698 Number of households in the city/town. • 13 Number of election/administrative wards in the city/town. • Estimated Quantity of solid waste generated in 	<ul style="list-style-type: none"> • Solid waste is stored at source 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% of non-residential 	<ul style="list-style-type: none"> • Trip made for Waste transportation through Animal cart:- 1 Tipping truck 13. • Frequency 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 7.31/tpd. • Solid waste is processed daily. • Treatment is done by agency. 	<ul style="list-style-type: none"> • 2% of households dispose or throw solid waste on the streets. • 2% of non-residential premises dispose of throw solid waste on the streets. • 1nos of dumpsite available. • Difficulties:-

	<p>the local body area per day in metric tons 12/tpd.</p> <ul style="list-style-type: none"> 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 collection of waste from the depots. Daily- 40bins clean. Alternate day 5 bin, twice a week 10 bin, once a week 5 bin cleared 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, 		<p>premises practice storage of waste at source in commercial /institutional bins.</p> <ul style="list-style-type: none"> Storage bin are not used as collected waste is directly transferred to the processing site at Bindrawani . 	<p>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.</p> <ul style="list-style-type: none"> Quantity of waste transported each day 12 /tpd and 100% of total waste transported daily. Waste Treatment Technologies used:- Composting Pits for wet waste and MRF is for Dry waste. Solid waste is lifted from D2D and transported to treatment plant 	<ul style="list-style-type: none"> Solid waste processing facilities in operation. Technologies adopted:- MRF and OWC machines. Processing facilities from city/town boundary is 2 K.M. Composting :- Raw material processed:- 4 Final product produced:- 0.05, Qty Sold:-2 ton. RDF raw material processed 2.50Tons per week. Co-processing Qty. raw material processed. Waste supplied to 	<p>Topography of the sites is hilly and remains shady during winter.</p> <ul style="list-style-type: none"> Innovative Idea:- IEC activities have done by this MC to aware people.
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	<p>and handcraft/ tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized.</p> <ul style="list-style-type: none"> • 22 nos. manpower deployed by local body. 105 workers are engaged through contractor. 			<p>directly in a segregated form:- yes, 13 compartmented vehicle are being used for transportation of waste from D2D to processing site directly in segregated form.</p>	<p>cement plant:- Tons per week</p>	
M.C. Nerchowk	<ul style="list-style-type: none"> • Population 8528. • Area in sq. kilometers 2.2 • Number of households in the city/town 2600 nos. • Number of non-residential premises in the city 1345 nos. • Number of election/administrative wards in the city is 9 nos. • 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. • Status of SWM service :- 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 80% of premises segregating the waste at source. • Segregation and storage of waste at source Whether Solid Waste is stored at source:- Municipal Solid waste is send to processing site kansha for processing. 	<ul style="list-style-type: none"> • Solid waste is stored at source in Domestic\ commercial\ institutional bins. 80%. • 20% of non-residential premises practice storage of waste at source. • Bin less city. 	<ul style="list-style-type: none"> • Waste transported through 5 tractors 10 trips. • Frequency of transportation of waste Daily 100%. • Quantity of waste transported each day 3.33/ tpd. • 100% of total waste transported daily. 	<ul style="list-style-type: none"> • Quantity of solid waste processed is 3.33/ tpd. • Treatment :- through contractor • 10 Bigha land is available with the local body for waste processing. • Distance of processing facilities from city/town is 2 km. 	<ul style="list-style-type: none"> • Solid waste facilities:- 1. • 10 Bigha land is available with the local body for waste processing. • Distance of site 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 2 km. • Difficulties:- me ner chowk is managing plastic waste solid waste properly but the people of adjoining gram panchayats floating population are

	<p>sanitary workers has been engaged for the collection of dry and wet waste from households.</p> <ul style="list-style-type: none"> • Door to Door: - D2D Collection of solid waste is being done in the city in 9 wards, 2600 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. • Manual sweeping 100% • Tools used Brooms, basket Long handle broom used by sanitation workers, handcart/tricycle for collection of waste, handcart/tricycle is containerized. 10nos. safai karamcharies for D2D collection. 13 nos for sweeping and 5 Nos. for transportation 7 nos. for processing site. 				<ul style="list-style-type: none"> • Technologies Adopted:- OWC. • Combustible waste supplied to cement plant:- 135.080 MT. 	<p>unauthorized throwing the plastic waste & solid waste which requires to be controlled by the Administration.</p>
M.C.	• Population 5433.	• Solid waste is	• Solid waste	• Waste	• 1.5tdp solid	• 1.2 tpd solid waste

<p>Sarkha ghat</p>	<ul style="list-style-type: none"> • 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 generated 1.2 – 1.5 ton per day (approx.). • Quantity of solid waste collected per day 1.2-1.5tpd • Per capita waste collected 350 grm. • 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. • Method of primary collection:- Manual collection of segregated waste. Then waste is transported to the processing facility through truck. 	<p>stored at source in segregated form.</p> <ul style="list-style-type: none"> • 90% of premises segregating the waste at source. 	<p>is stored at source in domestic/ commercial/ institutional bins.</p> <ul style="list-style-type: none"> • 100% household and non-residential premises practice stored of waste at source in commercial. • 100% of non-residential premises storage of waste at source in commercial/ institutional bins. • Bin-less city (16 no of litter bin present in MC area). • 16 Nos. litter bins present in MC area. • Ward wise details of waste storage depots:- 	<p>transported through 1 no. of tipping truck. Mechanical lifting.</p> <ul style="list-style-type: none"> • Quantity of waste each day 1.5 tpd. • 100% of total waste transported daily. • Treatment Technology: - 1nos. of Bailing machine and 2 shredding machine is used for bailing of plastic at MC Sarkaghat. The bailed plastic is then sent to ACC Barmana 	<p>waste processed daily.</p> <ul style="list-style-type: none"> • Waste treatment Technologies used 1 bailing and 2 Shredding Machine. • By local body • Land available with the Local body for waste processing :- 0-26-54 hect. And fully utilized for waste. 2km distance of processing facilities form city. • Composting: - raw material processed 1.0-1.2 TDP. • 148 Tones supplied to cement plant. 	<p>treated at site.</p> <ul style="list-style-type: none"> • 6% of household dispose or throw solid waste on the streets. • 5-10% of household dispose or throw solid waste on the streets. • 0-5% of non-household dispose or throw solid waste on the streets. • Distance of site 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 places is more than 2 km. Vehicles and equipment used at landfill – JCB • Leachate collection:- leachate tank is constructed. • Action plan:- awareness was created among the people through social media, newspaper and wall painting. People were aware about the segregation
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	<ul style="list-style-type: none"> • 2.5 km Length of roads, street, lanes in the city, • Frequency of street sweepings 100% daily, alternate days, twice a week. • 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. • 3nos. manpower, deployed by local body and 34nos. through contractor/concessionaire's 		<p>waste is stored in gummy bags at selected location away from every ward till the arrival of collection vehicle.</p> <p>All 7 wards 3.56sq.km. area, 1346 population, 16 Nos of litter bins.</p> <ul style="list-style-type: none"> • Total waste actually stored at the waste storage depots 1.5 tons. • Frequency of collection of waste from the depots daily:- 16 no. of litter bins and alternate days. 			<p>at primary point.</p> <ul style="list-style-type: none"> • Slums are identified and whether these are provided with SWM facilities. • Difficulties:- lack of fund and infrastructure. • Innovative:- D2D collection services has been started w.e.f. Nov.2016.
M.C. Jogindenagar	<ul style="list-style-type: none"> • Population 5337 (2011). • Area in sq kilometers 4.35. • Number of households in 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 75% of 	<ul style="list-style-type: none"> • 80% household practice storage of waste at 	<ul style="list-style-type: none"> • Type and Number of vehicles used:- 4 to 	<ul style="list-style-type: none"> • Quantity of solid waste processed per day 0.5-1/tpd. 	<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

	<p>the city/town 1224.</p> <ul style="list-style-type: none"> • 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 grm. • 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%. 	<p>premises segregating the waste at source.</p>	<p>source in domestic bins</p> <ul style="list-style-type: none"> • 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 	<p>5 trips daily, 2 nos. of four wheeler and 1 no. of tipper.</p> <ul style="list-style-type: none"> • Frequency of waste transported daily 100%. • 100% total waste transported daily. 	<ul style="list-style-type: none"> • Treatment is done by municipal contractors . • Land available with the local body 8.16 bighas, and currently utilized for waste processing. • Solid waste processing facilities in operation:- Compost pits, OWC, MRF, Bailing machine. • Distance of processing facilities from city/town is 10 Km. • Composting:- • Final product produced:- 1 tpd. 	<p>waste on the streets.</p> <ul style="list-style-type: none"> • Whether weigh bridge facility available. : - Yes. • Provision for Leachate collection:- Yes. • Action plan has been prepared for improving SWM practices.
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	<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. • 8 nos of manpower deployed by local body and 28 nos. manpower deployed through contractor/concessionaire's for collection including street sweeping secondary storage, transportation, processing and disposal of waste. 		transported separately to treatment plant.			
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 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 85% 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"> • Solid waste is lifted from D2D and transported to treatment plant directly in a segregated form. • Waste is transported through 2 tractors. • Frequency of transportation 	<ul style="list-style-type: none"> • Quantity of solid waste processed per day .40/tpd. • Treatment is done by local body. • Land available with the local body for waste processing: - No (existing facility is on govt. land). • Govt. land 	<ul style="list-style-type: none"> • 5% household dispose or throw solid waste on the streets. • 5% of Non-residential premises dispose on throw solid waste in the streets. • 1 no's of dumpsite available • 600 sqm area of land currently used for waste processing. • Vehicles and equipment used at site:- Bulldozer, compacters not available.

	<p>no of household and 436 non-residential premises including commercial establishment, hotels, restaurant, educational institutions/office etc. covered.</p> <ul style="list-style-type: none"> • 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 Daily 100%. • Tools used: Manual sweeping: 100%. • Long handle broom used by sanitation workers and collection tool synchronizes with collection/waste containers utilized • 4nos. man power deployed by local body and 13 Nos. of manpower deployed through contractor/concessionaire's for collection, transportation, storage, processing and disposal of waste. 			<p>waste daily 100%.</p> <ul style="list-style-type: none"> • 0.80/tpd Quantity of waste transported each day. • 80% of total waste transported daily. 	<p>currently utilized for waste processing.</p> <ul style="list-style-type: none"> • Solid waste processing facilities in operation:- Drum composting . • Technology :- Drum composting . • Distance of processing facilities from town :- with in town. • Composting:- sold = used in parks. 	
N.P	<ul style="list-style-type: none"> • Population 2626. 	<ul style="list-style-type: none"> • Solid waste is 	<ul style="list-style-type: none"> • 55% of 	<ul style="list-style-type: none"> • 80% of 	<ul style="list-style-type: none"> • 11.233 	<ul style="list-style-type: none"> • 4% of household

Karsog	<ul style="list-style-type: none"> • Number of households in the city/town 1201. Number of non-residential premises in the city/town 300. • Number of election/administrative wards in the city in 7 no. • Solid waste generated in the local body area per day in 1.5 T.P.D • Quantity of solid waste collected per day. 800-900 kg approx. • Per capita waste collected per day: - 300-380gm/day • 3 Km length of road, streets, lanes in the city. • Door to Door collection of solid waste is not being done in the 1201 of households 320 non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc. are covered through 60% motorized vehicle, 20% containerized 20% through other 	<p>stored at source in segregated form.</p> <ul style="list-style-type: none"> • 65% of premises segregating the waste at source. 	<p>household practice storage of waste at source in domestic bins.</p> <ul style="list-style-type: none"> • 45% of non-residential premises storage of waste at source in commercial /institutional bins. • 01 nos. Open waste storage site • Bin less city 	<p>manual lifting of solid waste 20% mechanical lifting.</p> <ul style="list-style-type: none"> • 1 no. of tractor used for transportation. • Frequency of transportation of waste:- Daily 90% Alternate day 10% • 800-900 kg approx. waste transported each day. 	<p>Tons solid waste processed.</p> <ul style="list-style-type: none"> • Treatment is done by local body and dry waste through Altra tec. • 2 bigha land available with the local body for waste processing • A processing facility under construction. • 12 km distance of processing facilities from city/town. 	<p>dispose or throw solid waste on the streets</p> <ul style="list-style-type: none"> • 20% of non residential premises dispose or throw solid waste on the streets. • 2 bigha land currently used for waste disposal. • Distance of dumpsite facility from city 1 Km from habitation, 5 kms from water body 100 kms from national highway, distance from airport is 95 km, distance from religious places is more than 10 km. • Land falls in earthquake fault line area. • Landfill site is fenced and adequate covering material is available. • Provision for Leachate collection • Action plan has been prepared for improving SWM
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	<p>devices.</p> <ul style="list-style-type: none"> • 8 km Length of roads, streets, lanes, byelens in the city that need to be cleaned. • 85% daily, 5% twice in the week 5% weekly 5% alternate days and occasionally 5%. • Sweeping of streets 100% Manual sweeping. • Long handle broom used by sanitation workers, handcart/tricycle for collection of waste and collection tool synchronizes with collection/ waste storage containers utilized. • 18 nos. of man power through contractor for collection, transportation, storage, processing and disposal of waste. 					<p>practices in the city.</p> <ul style="list-style-type: none"> • Separate provision are made for dairy related activities and slaughter house waste and C&D waste. • Innovative idea:- public awareness regarding Polly bridge manufacturing as useful product by S.H.G Group from waste.
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 8805 approx. city/town. Number of non-residential premises in the city 1000. 	<ul style="list-style-type: none"> • The waste is collected in segregated from at source. • 85% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 90% of household practices storage of waste at source in domestic bins and 100% of 	<ul style="list-style-type: none"> • Lifted from d2d and transported to treatment plant directly in a 	<ul style="list-style-type: none"> • Quantity of solid waste processed daily 7.83 tpd. • Treatment is done through outsource 	<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 cement plant. • Area from waste disposal site:- Not

<ul style="list-style-type: none"> • 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 7.83/tpd. • 350 gm/day waste collected per year. • Door to Door Collection of solid waste in 11 wards. • No. of residential covered approx. 8805 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 	<ul style="list-style-type: none"> • 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 sarwari for temporary waste collection and 2 no of domestic hazardous waste collection KISOK has been set up. • 95% of premise segregating the waste at source. 	<p>Non-residential premises practice storage of waste at source in commercial /institution bins.</p> <ul style="list-style-type: none"> • MRF Site has established for 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. • 01 dhalao /covered room/space . • Bin less city. • Lifting of solid waste from 	<p>segregate d from:- 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 OWC machine</p> <ul style="list-style-type: none"> • Waste transport ed by 02 Tipping truck and 9 Nos of small tempo. • RDF is being sent to Ultratech Cement plant bagha on 	<p>agency contractor.</p> <ul style="list-style-type: none"> • MC kullu does not have its own SWM site but at present dry waste is being sent of cement plant. and wet waste is being treated at OWC machine installed at MRF site w.no 3. • Distance of processing facilities from city/town boundary:- processing facilities is located at ward no.-03 at MRF site of MC kullu and is about 2 km from city boundary. • Technologi es adopted:- 	<p>landfill site but OWC machine installed at ward no 3 at MRF site for treatment of wet waste and kitchen waste.</p> <ul style="list-style-type: none"> • Separate provision are made:- dairy related activities:- Gaushala is located at ward no.09. • Difficulties:- at present, the MC does not have a designated solid waste Management site. Efforts are being made to identify a suitable location. Tenders have been floated six times for the procurement of a shredder, and the last attempt was successful. Currently, RDF is being sent to a cement plant at Bagha. However, due to the periodic closure of the plant, challenges are being faced in the regular disposal and management of waste. Additionally, the compost generated from the OWC machine is being stored inside a shed. As a result, it is deprived of proper aeration and sunlight, which negatively
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	<p>containerized.</p> <ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population covered on daily 80%. • 18 nos. regular safai Karmcharies including 03 no of safai jamadar and 111No. include D2D garbage collector, Street sweeper and manpower working at MRF site. 		<p>storage depots 40% manually and 60% mechanical.</p>	<p>daily basis but periodic shutdown at plant making difficult to sent RDF on daily basis.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste:- Daily 4-5 tone dry waste transported • Quantity of waste transported 7.83/tpd. • 100 % waste transported daily. • Treatment Technology:- OWC machine having capacity of 3 tpd installed 	<p>For wet waste treatment 3 tpd organic waste composter has been installed and dry waste sent to cement plant for disposal</p> <ul style="list-style-type: none"> • Composting:- Approx. 2-3 ton wet waste is being treated per day Final product produced- Approx 500kg. 	<p>affects the composting process and the quality of the final compost.</p>
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				at MRF site.		
M.C. Manali	<ul style="list-style-type: none"> Population 8095 as per census 2011. Area 3.5 sq km. Number of households 2855 ; 7 no. of wards . Estimated Quantity of solid waste generated in the local body area per day :- 4.81TPD (30-35 during tourist season) currently the work of installation of machinery is under process. Once the plant become functional the work of processing or solid waste will be started. Quantity of solid waste collected 4.81TPD (30-35 TPD during tourist season). Per capita waste collected per year is 350/gm/day. D2D collection in 7 wards. No. of residential covered 2855 and non-residential premises including commercial establishment hotels, restaurants educational institutions/ offices etc. covered 745 nos. Motorized vehicle 80%, handcraft/tricycle 20%. Sweeping of streets is on 	<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 sanitary workers has been deployed through contractor. 	<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 manner and transported to WTE plant Rangri, Manali for processing. Waste transported per day through waste transported in 14 no of vehicles. Quantity 	<ul style="list-style-type: none"> Quantity of solid waste processed 4.81TPD. 4.81/tpd (30-35 tpd during tourist season) quantity of waste processed daily. Treatment is done by agency. Land available with the local body for waste processing 1.5 Bigha and currently utilized for waste processing is 1.5 bigha. Distance of facility city/town 1.0km. 	<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. Distance of dumpsite /landfill facility from city /town is 1.0 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. Site fall under Flood prone area and earthquake fault line area. Separate provision are made:- Dairy related activities, slaughter houses waste, C&D waste, Innovative idea: - only solution of disposal of solid waste management is

	<p>daily basis. Frequency of street sweeping is 100%.</p> <ul style="list-style-type: none"> • 16 km length of roads, streets, lanes, bye-lanes in the city that need to be cleaned. • Tool Used: - Manuals 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. • 23 Nos of safai karamchari's regular deployed by local body and 59 Nos of safai karamchari outsourced. 			<p>of waste transported 10/tpd.</p> <ul style="list-style-type: none"> • 100% of total waste transported daily. • Waste treatment technology used :- RDF 		<p>through is through wealth from waste i.e., production of Energy.</p>
N.P. Bhunter	<ul style="list-style-type: none"> • Population 4475. • Area 4.50 sq km. • Number of households in the 2518 (Approx). and 380 nos of non-residential premises in the city. • No. of election/administrative wards 7. • Estimated Quantity of 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 90% of premises segregating the waste at source • Segregation and storage of 	<ul style="list-style-type: none"> • 75 % of households practice of waste at source in domestic bins. • Bin less city. 	<ul style="list-style-type: none"> • Waste transported per day: 1.75 tpd • 100% manual lifting of solid waste through 	<ul style="list-style-type: none"> • 1.75 tpd waste processed daily. • Treatment is done by local body. • Solid waste processed daily. 	<ul style="list-style-type: none"> • Solid waste disposal facilities: - Dry waste is sent to cement plant for end disposal and wet waste is treated through composting pits. • Difficulties: - Non availability of land and financial problems.

	<p>solid waste generated in the local body area per day 1.75 mtpd.</p> <ul style="list-style-type: none"> • Quantity of solid waste collected 1.75 mtpd. • Quantity of solid waste collected per day 1.75 mtpd. • Per capita waste processed 300 gm/day. • D2D collection in 7 wards. No. of residential covered 2518 and 380 non-residential premises including commercial establishment hotels, restaurants educational institutions/ offices etc. Motorized vehicle 90%, • 2 km length of roads, streets, lanes, bye-lens in the city that need to be cleaned. • Tool Used: - Manuals sweeping 100%. • Long handled broom used by sanitation workers. • 32 manpower deployed through contractor/ concessionaire's for collection, storage, sweeping, transportation and disposal. 	<p>waste at source: -</p> <p>Municipal solid waste is stored at temporary site and then dry waste dispatched to cement plant for end disposal and wet waste is processed through composting pits.</p> <ul style="list-style-type: none"> • Status of SWM service: - sanitary workers has been engaged for the collection of dry and wet waste from households. 		<p>01 tractor, 01 tipper truck, 2 auto.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste daily is 100% • Treatment technology: - Dry waste is sent to cement plant for end disposal and wet waste is treated through composting pits. 	<ul style="list-style-type: none"> • There is no land available in NP Bhuntar for waste processing. Nagar Panchayat is making efforts with the district administration for a permanent waste processing site. • Currently utilized for waste processing :- Temporary site at ward no. 6 lower bhuntar. • Composting:- About 200 kg composting. • Combustible waste supplied to cement plant. 	
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<p>N.P. Banjar</p>	<ul style="list-style-type: none"> • Population 1414. • Area 2.2 sq.km. • Number of households in the 1663. • 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 0.55 tpd. • Quantity of solid waste collected 0.55 tpd. • Per capital waste collected per year 300 gm/day. • D2D collection in 7 wards. No. of residential covered 1663 and 380 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 Daily. Tools used: <ul style="list-style-type: none"> • Manual sweeping 100%. • Long handle broom used by sanitation workers. • Long handled broom used 	<ul style="list-style-type: none"> • Solid waste management services:- Sanitary workers has been engaged for the collection of dry and wet waste from households. • Municipal solid waste is stored at temporary site and then Dry waste is being dispatched to cement plant for end disposal and Wet waste is being processed through composting pits. • The waste is collected in segregated from at source. • 60% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 80% of household practices storage of waste at source in domestic bins and 20% of Non-residential premises practice storage of waste at source in commercial /institution bins. • Bin less city. 	<ul style="list-style-type: none"> • Waste transportation per day:- Through 1 vehicle and 1 non tipping truck • 100% Manual lifting of solid waste. • Quantity of waste transported each day 0.60 tpd . • 100 % total waste transported daily. 	<ul style="list-style-type: none"> • Solid waste processed daily. • 0.55/tpd quantity of waste processed daily. • Treatment is done by local body • Distance of processing facilities from city/town 1km. 	<ul style="list-style-type: none"> • Solid waste disposal facilities: - Temporary MRF. • 1 Km distance from water body, 45 km from airport and 1 km from important religious place or historical monuments. • Difficulties: - Due to non-availability of SWM land the Municipal Solid waste could not be processed completely. A land has been identified for setting up processing facility and further FCA case process in under process.
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	<p>and handcart/tricycle for collection of waste and handcart/tricycle is containerized and the collection tool synchronizes with collection/waste storage containers utilized Handcart/tricycle is containerized, the collection tool synchronizes with collection /waste storage containers utilized.</p> <ul style="list-style-type: none"> • 14 no. of manpower has been deployed on outsource basis. Segregation sweeping transportation all work done by the above mention workers. 					
N.P. Nirmand	<ul style="list-style-type: none"> • Population 2041. • Area 3.2sq.km. • Number of households in the city/town is 1011, Number of non-residential premises city is 235. Number of wards 7. • Quantity of solid waste generated in the local body area 0.61/tpd. • quantity of solid waste collected 0.61/tpd • per capita waste collected per year 300/gm/day. • Status of solid waste 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 60 % of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 50% of household practices storage of waste at source in domestic bins and 20% of Non-residential premises practice storage of waste at source in commercial / institution bins. 	<ul style="list-style-type: none"> • Quantity of waste transported each day 0.61/tpd. • 100% of total waste transported daily. 	<ul style="list-style-type: none"> • Quantity of solid waste processed 0.34tpd. • Land not available with the local body for waste processing: - NP Nirmand has identified a land for solid waste processing and FCA of 	<ul style="list-style-type: none"> • 01 no. of dump site available with the local body. • 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. • Difficulties: - due to

	<p>management services:- Currently NP Nirmand has 07 no. of wards and d2d collection is done in all the wards.</p> <ul style="list-style-type: none"> • 100% d2d collection of solid waste, 7 no. of wards covered, Number of household covered 1246 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 daily basis. • Tools used:- Broom. • Manual sweeping is 100% (long handle Broom used by sanitation workers each sanitation worker given handcar/tricycle for collection and handcart/tricycle is 		<ul style="list-style-type: none"> • Bin-less city. 		<p>SWM land is under process.</p>	<p>Non availability of SWM land NP Nirmand facing problem to process Municipal solid waste. A land has been identified by NP Nirmand and FCA case of SWM land is under process.</p>
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	<ul style="list-style-type: none"> containerized) Collection tool synchronizes with collection/waste storage containers utilized. 8 nos. of manpower has been deployed for collection, including street sweeping, secondary storage, transportation of waste. 					
M. Corp. 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 election/administrative wards in the city/town 11nos. Estimated Quantity of solid waste generated in the local body area per day 8.50/tpd .Quantity of solid waste collected 8.50/tpd. Per capita waste collected per day 350gm/day. Door to Door- D2D Collection of solid waste is being done in 	<ul style="list-style-type: none"> 95% premises segregating the waste at source. 	<ul style="list-style-type: none"> Percentage of household s practice storage of waste at source in domestic bins is 95%. 95% of non-residential premises practice storage of waste at source in commercial /institutional bins. Waste Storage depots in the 	<p>Waste transported</p> <ul style="list-style-type: none"> Presently 5no. MC vehicles attached with the contractor for sanitation work and remaining 10 on outsource basis in the sanitation work in MC area. Frequency of transportation of waste 100% daily. 	<ul style="list-style-type: none"> Quantity of solid waste processed 8.50/tpd. 26 kanals land is available with the local body for waste processing and waste processing. Treatment is done by local body. 26 Kanal land has been transferred in the 	<ul style="list-style-type: none"> 95% of households dispose or throw solid waste on the streets. 95% of non-residential premises dispose or throw solid waste on the streets 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.

	<p>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.</p> <ul style="list-style-type: none"> • 63.50 km Length of roads ,streets, lanes in the city that need to be cleaned. • 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. • 4nos manpower deployed by local body and 99 nos out source basis through contractors. 		<p>city/town – Bin-less city.</p> <ul style="list-style-type: none"> • 100% Manual lifting of Solid Waste from storage depots. 	<ul style="list-style-type: none"> • Quantity of waste transported each day is 8.50/tpd • Treatment Technology:- Bailing machine, 36 pits constructed/OWC machine installed for wet waste. 	<p>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.</p> <ul style="list-style-type: none"> • Technology adopted:- Compost 	<p>From national highway, distance from religious places 5 km.</p> <ul style="list-style-type: none"> • Qty of waste landfill each day: - 4.50tpd • Vehicles and equipment used at landfill site. Bulldozer, computer etc. available (JCB on requirement basis is used.)
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					<p>pit Technology & installed the OWC machine at dumping site at village Rampur.</p> <ul style="list-style-type: none"> • 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. 	
M.C. Santokhgarh	<ul style="list-style-type: none"> • Population 9363 as per census 2011. Area 7.00 sq km. Number of 	<ul style="list-style-type: none"> • 70-80% of premises segregating the 	<ul style="list-style-type: none"> • Waste Storage depots in 	<p>Waste transported:</p> <ul style="list-style-type: none"> • 100% 	<ul style="list-style-type: none"> • Waste treatment technologie 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumping site

	<p>households 2000. Non-residential area 500 and election/administrative wards 9.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 4.00/ tpd. Quantity of solid waste collected 4.00 tpd. • 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 in 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% 	<p>waste source.</p> <p>at</p>	<p>the city/town – 2 open waste storage sites.</p> <ul style="list-style-type: none"> • 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>mechanical (Tipper, Tractor trolley) lifting of solid waste from storage depots.</p> <ul style="list-style-type: none"> • 6 number of trips made Through 1 tractor and 1 tipping truck. Total waste transported 5.00qtl. • Solid waste collected in segregated form from Houses, transported through Tricycles to the collection point and transported to Solid waste Management site. 	<p>s used is composed</p> <ul style="list-style-type: none"> • 0.2 tpd quantity of waste processed daily. • Composting: - Qty. raw material processed: - 200kg. Qyt. Final product produced: - under process. • 2500 sqm land is available with the local body for waste processing and currently utilized for waste processing. • Distance of processing facilities form city/town. 2km. • Technology adopted: - 	<p>3.80/tpd.</p> <ul style="list-style-type: none"> • 1 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 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. • Quantity of waste landfilled each day- 3.80 tpd. • Vehicles and equipment's used at landfill site. :- JCV available. • Frequency of covering the waste deposited at the landfill. :- Time to time. • Provision for leachate collection: - Yes. • Action plan. :- Door to Door collection have
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	<p>alternate days, 10% twice a week.</p> <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 containers utilized. • 03 nos. man power deployed by local body and 38 Nos of manpower through Contractor/ concessionaire's for collection, street sweeping, storage, transportation, processing and disposal of waste. 			<ul style="list-style-type: none"> • Frequency of transportation of waste is 80% daily, 10 % alternate day and 10% of Twice a week. • Quantity of waste transported each day 4/tpd. • 100% of total waste transported daily. 	<p>composed pits.</p>	<p>been started in 9 wards.</p> <ul style="list-style-type: none"> • Difficulties:- MC can collect the garbage in segregated manner with cooperation of the public. • Innovative Idea: - MC can collect the garbage in segregated manner, but we can't run the solid waste project because technical support is required at Government level.
N.P. Daulat pur.	<ul style="list-style-type: none"> • Population 3763 and 1500 floating • 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 	<ul style="list-style-type: none"> • 90% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • Bin less city. 	<ul style="list-style-type: none"> • 100% manual lifting of solid waste. • Waste transported through Tipping Truck 01, Rickshaw Rehri-7 Hand cart-5. • Frequency 	<ul style="list-style-type: none"> • Solid waste processed 1.28 tpd. • Treatment is done by contractor. • Ward wise composting pits constructed. • Distance from city/town 4 km • Compostin 	<ul style="list-style-type: none"> • 1 number of dumpsite available with the local body. • 0.213/tpd disposed at dumpsite. • Area of each such sites available for waste disposal 1990 Sq.m. • Distance of dumpsite/landfill facility from city/town 2.5 km. • Landfill Facility is fenced. • Equipment used at

	<p>per year-350 gm/day</p> <ul style="list-style-type: none"> • 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 nos. of non-residential covered. 20.69 km Length of roads, street, lanes in the city. • Percentage of residential and non-residential premises covered in door to door collection is 20% in motorized vehicle and 80% in containerized tricycle/handcart. • Frequency of street sweepings 80% of population covered • Tools used: - Brooms, baskets. • 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. • 8nos safai karamcharies for D2D collection, 10 nos for sweeping and 3 			<p>of transportation of waste is daily.</p> <ul style="list-style-type: none"> • 1.28/tpd quantity of waste transported each day. • 100% of total waste transported daily. • Treatment technology :- Wet waste goes to temporary composting pits. 	<p>g pits ward wise technologies adopted.</p>	<p>landfill site: - Bulldozer, JCB etc.</p> <ul style="list-style-type: none"> • cover material used: - earth/ soil. • Difficulties: - NP Daulatpur chowk is managing plastic waste solid waste properly but the people of adjoining GPs floating populations are unauthorized throwing the plastic waste& solid waste which requires to be controlled by the administration.
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	nos for transportation deployed by local body.					
N.P. Amb	<ul style="list-style-type: none"> Population 7234. Area-8.5 sq. km. Number of households in the 2378. Non-residential area 1000 and election/administrative wards 9. Estimated Quantity of solid waste generated in the local body area per day 2.17 tpd. Quantity of solid waste collected 2.17 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 9 wards, 1515 households covered and 1000 no. of non-residential premises including commercial establishments, hotels, restaurant, educational institutions/offices etc are covered through 20% motorized vehicle and 80% other device. Length of roads 48.25km. Frequency of street sweepings 80% Manual sweeping 100%. Long Handle broom used by sanitation workers, handcart/ tricycle for 	<ul style="list-style-type: none"> Yes, Segregation and storage of waste at source. 	Bin less city.	<ul style="list-style-type: none"> Waste transportation:- Tricycle-8 6 trips made. Quantity of waste transported each day- 2.17/tpd. 100% manual lifting of solid waste. 100% of total waste transported daily. 	<ul style="list-style-type: none"> Quantity of solid waste processed .55 tdp. Land currently utilized for waste processing: - ward wise composting pits constructed. Technologies adopted:- composting ward wise. 	<ul style="list-style-type: none"> 1 no of dumpsite available with the local body. 384 Sq. m area of each such sites available for waste disposal.. Distance from dumpsite /landfill facility from city/town is 3 kms; Equipment used at landfill:- Bulldozer, JCB.

	<p>collection of waste, handcart/tricycle is containerized and collection tool synchronizes with collection/waste storage containers utilized.</p> <ul style="list-style-type: none"> • 36 nos safai karamchari 22 nos. D2D collection in each ward and 8 nos for sweeping 6 Nos for transportation. 					
N.P. 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 1.04 tpd. • Quantity of solid waste collected 1.04 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%. 	<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 	<ul style="list-style-type: none"> • Waste transport ed. 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 Transport ed daily 1.04/tpd. • Technology used:- Wet waste 	<ul style="list-style-type: none"> • Solid waste processed is 1.04 tpd. • 0.1911 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. 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumpsite/landfill 0.12/mt. • 2% of non-residential premises dispose or throw solid waste on the streets. • 0.085 hectare area is available for SWM site. • mesh are provided at SWM site. • Covering the waste deposited at landfill: - after 2 week. fine earth used as cover material. • Difficulties: - NP gagret is managing plastic waste solid waste properly but the people of adjoining GPs floating populations

	<ul style="list-style-type: none"> • 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 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. 8 nos safai karmcharis for D2D collection, 13 nos for sweeping and 4 nos for transportation. 		is 1.05 tpd..	goes to gaushala. Treatment is done through contractor	<ul style="list-style-type: none"> • Distance of processing facilities from city/town is 3 km. • Combustible waste supplied to cement plant is 2.0 MT. 	are unauthorized throwing the plastic waste& solid waste which requires to be controlled by the administration.
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 	<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 	<ul style="list-style-type: none"> • Solid waste processed daily. • Quantity of waste processed daily 0.5/tpd. • Treatment is done through contractor • Land curr 	<ul style="list-style-type: none"> • 3 tpd solid waste disposed at dumpsite. • Distance of processing facilities from the city 2 km. • 1 no. of dump sites available with the local body. • Distance of dumpsite/landfill facility from city/town is 10 km. • Distance from habitation 2km.

	<p>waste collected 3 tpd.</p> <ul style="list-style-type: none"> • 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 100%. • 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. • 09 nos. manpower deployed for collection by local body and 23 			<p>3/tpd.</p> <ul style="list-style-type: none"> • 100% of total waste transported daily. 	<p>ently utilized for waste processing 1.5 canal.</p> <ul style="list-style-type: none"> • OWC solid waste processing facilities in operation. • Distance of processing facilities from city/town boundary: - 2km. • Composting:- raw material processed 0.5. 	<ul style="list-style-type: none"> • Distance from water body 1 km and from state and national highway is 2 km. • falls in flood prone area. • Covering daily basis. • Innovate:- regional solid waste management unit required.
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	nos. through contractor.					
N.P.Tah liwal.	<ul style="list-style-type: none"> Population 3675. Area 7.89 sq. km. Number of households in the 966. Number of non-residential premises in the city 435. Number of election/administrative wards 7. Estimated Quantity of solid waste generated in the local body area per day 1.5 tpd. Quantity of solid waste collected 1.5 tpd. Per capital waste collected 365 gm/day. Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards. 966 nos. of households are covered and 435 nos. of non-residential covered. Percentage of residential and non-residential premises covered in door to door collection through containerized tricycle/handcraft 100%. Other device 100% 18.00 km length of roads, streets, lanes, byelens in the city that need to be cleaned. Manual sweeping 100%. 	<ul style="list-style-type: none"> 95% premises segregating the waste at source. 	<ul style="list-style-type: none"> 95% of households and non-residential practice storage of waste at source in domestic bins. No secondary waste storage facility. Open waste storage sites:- 4 100% mechanical (Tractor trolley lifting of solid waste from storage depots. 	<ul style="list-style-type: none"> Waste transportation per day in 1 trip ward no. 7. Quantity of waste transported 1.5/tpd. Frequency of transportation of waste :- Daily. 1Nos/Tra ctor. 100% of total waste transported daily. 	<ul style="list-style-type: none"> Quantity of Solid waste processed is 0.825 tpd (0.04MT polythene collected by NP and other solid waste sale by the safai karamchari 's) Treatment is done by local body or through an agency:- through contractor. Land currently utilized for processing :- Ward No. 07. Distance of processing facilities form City/town boundary. :- 1.5km. 	<ul style="list-style-type: none"> 1no's of dumpsite available. Quantity of Solid waste disposed at dumpsite is .0.14/MT 20% of non-residential premises dispose or throw solid waste on the streets. Land currently utilized for waste processing near ward no. 7 Distance of processing facilities from city/town boundary 1.5 km. 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. Flood and earthquake prone area. Weigh bridge facility available: Private facility available.

	<ul style="list-style-type: none"> • 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. • 20 nos. manpower through contractor/concessionaire's 					<ul style="list-style-type: none"> • Equipment's used at landfill site:- JCB • Covering the waste time to time • Action plan :- D2D collection has been done. • Difficulties:- non-availability of Land.
M. Corp. Hamirpur	<ul style="list-style-type: none"> • Population 41752. • Area 42.04 sq km. • Number of households in the 4500 in addition to new merger area of ULB which has yet to be recorded • 3673 in addition to new merger area of ULB which has yet to be recorded. • 15 nos. of wards have been purposed in newly upgraded Municipal corporation. • Estimated Quantity of solid waste generated in the local body area per day 12 tpd. • Quantity of solid waste collected 12 tpd. • Per capital waste collected 	<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"> • 100% of households practice storage of waste at source in domestic bins. • 100% of non-residential premises practice storage of waste at source in commercial /institutional bins. 	<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: are transported separately to treatment plant. • Waste transported:- 12 tpd 	<ul style="list-style-type: none"> • 12 tpd solid waste processed. • Treatment is done through sultan company outsourced agency • 0.4967 hectare whereas 0.1533 hectares is also in the possession of ULB which is the process of 	<ul style="list-style-type: none"> • 1 no's Dumpsites available with the local body is. • 0.4967 hectare whereas 0.1533 hectares is also in the possession of ULB which is the process of transfer in the name of ULB. • Distance from the nearest habitation is 1km from water body 200mts, from national highway 4km • Provision for leachate collection:- The leachate generated from wet waste is first collected in a leachate tank. This leachate is

	<p>300 gm/day.</p> <ul style="list-style-type: none"> • Door to Door: - D2D Collection of solid waste is being done in the city in 11 wards. 4500 nos. of households are covered. 3673 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 100% containerized Tricycle/handcart. Other device 100%. • 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. • 118 nos. deployed by ULB for D2D collection transportation (14 Nos. vehicles including drivers) and street sweeping whereas 20 Nos have been deployed by the 			<p>waste transported 14 nos. of vehicle are used d2d garbage collection & 2 to 3 trip for each vehicle for mandatory for collection of garbage.</p> <ul style="list-style-type: none"> • Frequency of transportation waste is daily 100%. • 12 tpd quantity of waste transported & 100% of total waste transported daily. • Treatment Technology :- separator machine, OWC, pits & waste transported 	<p>transfer in the name of ULB.</p> <ul style="list-style-type: none"> • Processing facilities in operation. :- composting pits, baling machine Trommel machine shredder machine separator machines & OWC machine. • Facilities under construction:- it is yet to be augmented . • Distance of processing facilities from city/town:- it is situated now in MC areas. • Technology :- OWC machine, wet waste 	<p>then reused in the composting pits, which helps accelerate the composting process and speeds up the decomposition of wet waste.</p> <ul style="list-style-type: none"> • Action plan:- Yes 01-11-2024 copy already sent to dud. • Slaughter houses waste 01 no and has proper provision of waste 01 No. • Difficulties:- the daily generation of garbage is continuously increasing, creating a need for additional land for effective waste management. Furthermore, a dedicated material recover facility (MRF) is required for the processing of dry waste, and a bio methanation plant is essential for the scientific treatment of waste.
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	<p>outsourced agency for the processing and disposal. Through CLC =118nos. suntan life shauraya Galohatra solid waste management plant waste processing site. Manpower 20Nos. 14 Nos. vehicles including 14 Nos Drivers outsourced through Sh. Kishori lal.</p>			<p>d by the outsourced agency to his bio-methanation plant.</p>	<p>convert to organic compost, manure.</p> <ul style="list-style-type: none"> • Composting:- Qty. raw material processed:- 5.40TPD final product produced:- 1.32 Ton compost. Qty. Sold:- 1.21Tons. • Bio methanation:- waste processing work has been outsourced to M/S suntan life. Currently wet waste is being processed Bio-methanation Plant Capacity:- 200 TPD the wet waste 	
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					<p>extracted out of fresh waste is preprocessed towards volume reduction and sent to biogas facility C/O sarovar agro farms and biogas pvt ltd. Ambala naraingarh road, vill-jatwar, distt. Ambala.</p> <ul style="list-style-type: none">• Refuse Derived Fuel:- Qty of Raw material processed: -144.5 RDF send to ultratech cement plant bagha.• MC hamirpur 144.5 Ton	
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					RDF send to Ultra tech cement plant bagha(suntan company) lifted RDF =2034.495 .	
M.C. Sujapur	<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. • 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 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 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 95% approx. of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 95% of households practice storage of waste at source in domestic bins. • 95% of non-residential premises practice storage of waste at source in commercial /institutional bins. • 100% manual lifting of solid waste from storage depots. • Bin less city. 	<ul style="list-style-type: none"> • Solid waste is lifted from door to door and transported to treatment plant directly in a segregated form:- wet and Dry waste are transported separately to treatment plant. • Waste transported per day. :- 3nos. of vehicle are used d2d garbage 	<ul style="list-style-type: none"> • Quantity of processed 3.1/tpd. • Treatment done Outsource through contractor. • 1870 Sqm land available with the local body for waste processing . • Distance form city :- 13km. • Composting:- qty. raw material processed: - 1.7tpd. 	<ul style="list-style-type: none"> • 2.5% of households dispose or throw solid waste on the streets. • 2.5% of non-residential premises dispose of throw solid waste on streets. • 13 km distance of processing facilities from city/town boundary. • Distance from nearest habitation 1Km. form water body is 10 km, State/national highway 13 km. • Provision for Leachate collection: - Yes (The leachate generated form wet is first collected in a leachate tank. This leachate is then reused in the composting pits. Which helps accelerate the composting process

	<p>institutions/offices etc covered.</p> <ul style="list-style-type: none"> • 100% of residential and non-residential premise covered in D2D collection through 100% Motorized vehicle and 100% containerized Tricycle/handcart. 100% other devices. • Sweeping of street daily 100%. • 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. • 50 nos of manpower deployed by contractor for D2D collection. 6 Nos. of manpower deployed for street sweeping. 			<p>collection & 2 to 3 trip for each vehicle.</p> <ul style="list-style-type: none"> • 3.1 tpd quantity of waste transported & 100% of total waste transported daily. • Treatment Technology: - Bailing machine Shredder machine & Pits. 	<p>qty. final product produced:- 0.34. qty sold:- .15 ton.</p> <ul style="list-style-type: none"> • Refuse derived fuel:- Qty raw material processed MC Sujapur 144.00 Tons RDF sent to ultra tech Cement plant Bagha. • Combustible waste: - MC Sujapur 144.00 Tons RDF sent to ultra tech Cement plant Bagha. 	<p>and speed up the decomposing of wet waste.</p> <ul style="list-style-type: none"> • Difficulties:- MC sujanpur is currently operating the baling machine through a diesel generator set, in order to ensure smooth functioning of the solid waste management plant (SWMP), MC sujanpur requires a 3-phase electricity connection at the site.
M.C. Nadaun	<ul style="list-style-type: none"> • Population 7392 as per census 2011. • Area 5.93 sq km. • Number of households in the city/town 2079.number of non- 	<ul style="list-style-type: none"> • Solid waste is stored in a segregated form. • 100% approx.. of premises 	<ul style="list-style-type: none"> • 100% of households practice storage of waste at source in 	<ul style="list-style-type: none"> • Solid waste lifted from D2D and transported to 	<ul style="list-style-type: none"> • 1.81/tpd solid waste processed. • Treatment is done through 	<ul style="list-style-type: none"> • Provisions for leachate collection: - The leachate generated from wet waste is first collected in leachate tank. This leachate is

	<p>residential premises in the city . 1144</p> <ul style="list-style-type: none"> • Number of election/administrative 9 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 2079 nos. of households are covered and 1144 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 100% containerized Tricycle/handcart. 100% other devices. • Manual sweeping 100%. Long handle broom, sanitation worker is given handcart/ tricycle for 	<p>segregating the waste at source</p>	<p>domestic bins.</p> <ul style="list-style-type: none"> • 100% of non-residential premises storage of waste at source in commercial /institution al bins. • Lifting of solid waste from storage depots is 100% manual. • Bin less city. 	<p>treatment plant directly in a segregated form. :- wet and dry waste are transported separately to treatment plant.</p> <ul style="list-style-type: none"> • Manual lifting of solid waste 100% • Quantity of waste transported each day: - 1.81/tdp • Waste transportation per day 2 trips daily 03 Nos. Auto, 01 Tractor, 01 pick for transportation. • Frequency of waste 	<p>contractor (jai maa enterprises, Gaurav kumar, manish kumar.)</p> <ul style="list-style-type: none"> • Distance from processing facilities from city/town:- It is situated in MC areas. • Composting :- Qty raw material processed - 0.3TPD through composting pits approximately. 0.2 TPD send to piggery farm. 0.49 processed through OWC machine. • Qty. final product produced: 0.158 Ton approx. 	<p>then reused in the composting pits, which helps accelerate the composting process and speeds up the decomposition of wet waste.</p> <ul style="list-style-type: none"> • C&D waste: - 01 No new temporary site identified in ward no.1. • Difficulties: - Material recovery facility is required for the processing of dry waste.
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	<p>collection of waste handcart/tricycle is containerized and collection tool synchronized with collection/waste storage containers utilized.</p> <ul style="list-style-type: none"> 03 manpower deployed by local body and 16 Nos of workers form Ravi kumar jai maa enterprises, 12 nos through Gaurav kumar, 08 Nos through Manish kumar. 			<p>transported daily 100%</p> <ul style="list-style-type: none"> Treatment technologies:- Bailing machine, composting, OWC, machine shredder. 	<ul style="list-style-type: none"> Refuse Derived Fuel:- Qty of Raw material processed:- .165 Tons Approx. RDF send to Ultratech Cement plant Bagha. Co-processing:- Qty raw material processed. Combustible waste 165 Tons Approx. RDF send to Ultratech Cement plant 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 0.57 	<ul style="list-style-type: none"> Solid waste is not stored in a segregated form. 95% 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- 	<ul style="list-style-type: none"> Waste transportation per day:- self no any Vehicle available but 01 Nos. Tampo 	<ul style="list-style-type: none"> Quantity of solid waste processed 0.57 Qtl. Treatment is done through Gaurav kumar 	<ul style="list-style-type: none"> 2.5% of household and non-residential premises dispose throw solid waste on the streets. Provision for leachate collection: - The leachate generated from wet waste is first

<ul style="list-style-type: none"> • 0.57 solid waste collected per day. • 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 70% Motorized vehicle and 30% containerized Tricycle/handcart. • 3 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. • 9 nos sanitation worker through garbage contractor. 			<p>residential premises practice storage of waste at source in commercial /institution s bins.</p> <ul style="list-style-type: none"> • Lifting of solid waste from storage depots in manual 100%. 	<p>Hired through Govt. Contractor.</p> <ul style="list-style-type: none"> • Frequency of transportat ion of waste daily 100% • Quantity of waste transported each day :- 0.57/tdp • 100 % of total waste transported daily. • Treatment technologies :- Bailing machine OWC machine Pet Bottle Shredder, SUP shredder. 	<p>Safai contractor.</p> <ul style="list-style-type: none"> • land available with the local body for waste processing. • Processing facilities in operation:- Baling machine OWC Machine, pet Bottle Shredder, SUP shredder. • Solid waste processing facilities under construction:- It yet to be augmented . • Distance:- Processing facilities 500 mtrs from main city. • Refuse Derived Fuel:- Qty of Raw material 	<p>collected in a leachate tank. This leachate is then reused in the composting pits, which helps accelerate the corn posting process and speeds up the decomposition of wet waste.</p>
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					<p>processed:- NP bhota 45 tons send to Ultratech cement plant Bagha.</p> <ul style="list-style-type: none"> Co-processing:- NP bhota 45 tons send to Ultratech cement plant Bagh. 	
M. Corp. Dhara mshala .	<ul style="list-style-type: none"> Population 53543 as per 2011 census (71359 current population). Area 28.30 sq km. Number of households in the city/town 10255. Number of non-residential premises in the city 3276. 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 	--Nil--	<ul style="list-style-type: none"> Storage facilities Bin:- 159 underground dustbin. 191 person per bins. Total storage capacity of waste storage facilities in cubic meters :- 630m3 Total waste actually storage at the waste storage depots 	<ul style="list-style-type: none"> Transportation : Others (Auto & Jeep):-27. Frequency of transportation of waste daily 70%, alternate 15%, Twice a week 10%, Occasionally 5%. Quantity of transportation of waste 21.77/tpd. 	<ul style="list-style-type: none"> Quantity of Solid waste processed 21.77 /tpd. 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 	<ul style="list-style-type: none"> Quantity of solid waste disposal at dumpsite/landfill: - 1/tpd. 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. 1 ton waste landfill each day. Waste is covered by soil. Action Plan has been prepared; bridge weigh facility available Difficulties: - 100%

	<p>Management:- Daily basis d2d collection, Road/street sweeping, disposal of wet and dry waste at solid waste management plant.</p> <ul style="list-style-type: none"> • Door to Door: - D2D Collection of solid waste is being done in the city in 17 wards. 10255 approx. Household covered 3276 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. • 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, 		<p>daily. :- 441m3 approx.</p> <ul style="list-style-type: none"> • 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) 	<ul style="list-style-type: none"> • 100% of total waste transported daily. • Treatment Technology used:- Bio Gas plant and 2 nos. MRF facility. 	<p>processing facilities from city/town boundary:-2 km.</p> <ul style="list-style-type: none"> • Composting , Raw material processed – 30 (ton) Final product produced – 20 (ton) • Bio-methanation & waste to energy technology:- Dharamshala 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- 	<p>Segregation at source is not being complied with the public.</p>
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	<p>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> <ul style="list-style-type: none"> • 11 nos manpower deployed by local body. 250 nos manpower deployed through Contractor/Concessionaire's 				<p>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. 	
M.C. 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 4.8 tpd. • Quantity of solid waste collected 4.8 tpd. • Quantity of waste disposed at dumpsite/landfill 0.2tpd • Per capital waste collected 300gm/day. • Status 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 4.8 tpd. Daily basis. • 95% of total waste transported daily. • Waste Treatment Technology 	<ul style="list-style-type: none"> • Solid waste processed daily. • 4.8 tpd quantity of waste processed daily. • Treatment is done by outsource. • Land available for waste processing 3 Karnal. • land currently utilized for waste processing – 	<ul style="list-style-type: none"> • Action plan:- prepared • Difficulties:- Waste littering issues due to surrounding panchayat area and colonies.

	<p>Management:- Daily basis d2d collection, Road/street sweeping, disposal of wet and dry waste at solid waste management plant.</p> <ul style="list-style-type: none"> • 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. • 6nos. manpower deployed by local body. 			<p>es 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>	<p>1500 Sqm</p> <ul style="list-style-type: none"> • Composting :- 2 tome raw material processed 0.2 ton final product produced (self-utilized by ULB). • Combustible waste supplied to cement plant:- Single use plastic sent to Anandita plastic recycling and cement plant. 	
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	<ul style="list-style-type: none"> 17 workers engaged for street sweeping 25 workers engaged for D2D collection. 11 workers engaged for Solid waste management project. Through contractor. 					
M. Corp. Palampur.	<ul style="list-style-type: none"> Population 40385. Area 31.59 sq km. Number of households in the city/town 10942. Number of non-residential premises in the city 1270. 15 administrative wards. 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 	--Nil--	Lifting of solid waste from storage depots: 100 % of manual lifting.	<ul style="list-style-type: none"> Waste transported:- 1 no trip made waste transported (15 no vehicle) and others 15 nos Mahindra pickup. Frequency of transportation of waste:- twice week:- Twice as per required. Once a week-Daily basis, 95% of total waste transported daily. 	<ul style="list-style-type: none"> Solid waste processed daily. 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 	<ul style="list-style-type: none"> Action plan:- prepared Difficulties:- waste littering issues due to surrounding Panchayat area and colonies.

	<p>premise covered 1270 in D2D collection motorized vehicle-13.</p> <ul style="list-style-type: none"> • 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%. • 155 workers engaged for collection including street sweeping, secondary storage, transportation, processing & disposal waste. 			<ul style="list-style-type: none"> • 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 and remaining recyclable waste take away by waste pickers. 	<p>organic waste composting machine available for capacity of 5.1 tpd (self utilized by ULB).</p> <ul style="list-style-type: none"> • Combustible waste supplied to cement plant:- Single use plastic sent to cement plant. 	
M.C. 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 	--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. truck 1 no. and JCB/Loader-2 	<ul style="list-style-type: none"> • Quantity processed is 2.60 tpd. • Treatment :- Outsource • 5 kanal land 	<ul style="list-style-type: none"> • 1 no. of dumpsite available with the local body. • 1800 Sqm area is available for waste disposal site. • Distance from city/town is 3 km.

	<p>of election/administrative wards.</p> <ul style="list-style-type: none"> • 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 %, 			<p>cart.</p> <ul style="list-style-type: none"> • 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 kandrori/cement 	<p>currently utilized for waste processing.</p> <ul style="list-style-type: none"> • 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. 	<p>from habitation 3 km, water body 3 km. from national highway 500 m and airport 50 km and from religious place and historical monuments: - Nurpur fort 3 km</p> <ul style="list-style-type: none"> • Action plan:- 1. Solid waste construction work is in progress. 2. Shredder procured and is in working state. 3. OWC machine will be installed after construction of the shed. 4. Baling machine installed and is in working state. 5. MC have 6 no. of vehicle for garbage collection and are compartmentalized. 6. IEC activities conducted time to time to make people aware about the segregation of garbage and SUP also. • Difficulties:- Waste littering issues due to Surrounding Panchayat area.
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	<p>alternate days 5 %, Twice a week 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. • 2 Nos. (1 No sanitary workers and 1 nos. driver) deployed by local body. 22 workers engaged for Street sweeping 18 workers engaged for D2D collection through Contractor. 			plant.		
M.C. Nagrota	<ul style="list-style-type: none"> • Population 5900 as per census 2011 (10672 estimated 2024). • Area 3.54 sqkm area. • Number of households 1779 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. 	<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 	<ul style="list-style-type: none"> • Quantity processed is 1.77 tpd. • Solid waste processed daily. • Treatment Technologies used:- One OWC machine & one shredder have been installed. 	<ul style="list-style-type: none"> • Distance from national highway 500 kms away from NH, from airport-18 kms, 10km from important religious place or historical monuments. • Weighing machine is available. • Provision for leachate collection:- by providing Bio Digester tank as well as Sock pits. • Action plan has been prepared. • Difficulties:- MC

	<p>Quantity of solid waste collected 1.77 tpd. Per capital waste collected per day 250gm/day.</p> <ul style="list-style-type: none"> • Door to Door: - D2D Collection of solid waste is being done in the city in 7 wards, 1779 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 sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, handcart/tricycle is containerized are provided to sanitary workers. • 25 nos Safai karmacharis have been deputed for D2D 			<p>transported:- Through tipping trucks 1, three wheelers-1, e-richshaw-2.</p> <ul style="list-style-type: none"> • Frequency of transportation of waste is on daily basis 90%. • Quantity of waste transported each day 1.77 tpd. • 	<ul style="list-style-type: none"> • Treatment :- By M.C nagrota bagwan itself. • 183.23 sqm land available with the local body for waste processing • 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 	<p>nagrota is not able to perfectly monitor the garbage collection segregation, littering problem. In addition it is submitted that there is not sufficient land with in MC nagrota for said purpose and more land required for said purpose.</p> <ul style="list-style-type: none"> • Innovative idea:- MC nagrota Bagwan has made a demand to provide 2 nos light vehicles vide letter no 27 MCNB dated 09/01/2019 so that the garbage in small street can be collected effectively. Sanitary inspector/sanitary supervisor in compulsorily required so that he/she can effectively monitor the garbage problems so that SWM rules 2016 can be implanted effectively.
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	garbage collection, its segregation, sweeping, cleaning of drains etc. MC nagrota has 5 nos. regular safai karmacharies who are also doing the work of street sweeping & loading the MC garbage carrying Vehicles.					
M.C. Dehra	<ul style="list-style-type: none"> Population 4816. Area 4.16 sq km. Number of households 1324, and 483 non-residential premises in the city. 07 administrative wards in the city/town. Estimated Quantity of solid waste generated in the local body area per day 1.88 tpd. Quantity of solid waste collected 1.88tpd. Per capital waste collected per day 300gm/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 	<ul style="list-style-type: none"> Solid waste is stored at source at source in a segregated form. 70 % of premises segregating the waste at source. 	<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 2trip per vehicles 3no. vehicle are used. Solid waste lifted form D2D and transported to treatment plant directly in a segregated form: - wet and dry waste are transported separately 	<ul style="list-style-type: none"> 1.88/tpd daily processed. Treatment is done through contractor (JK enterprises) Land available with the local body for waste processing: - temporary :- BBMB land. Distance of processing facilities form city:- MC Dehra jurisdiction W. No. 2. 	<ul style="list-style-type: none"> 15% households dispose or throw solid waste at source in domestic bins. 15% non-households dispose or throw solid waste at source in domestic bins. Area of land currently used:- BBMB land (temporary). Distance of dumpsite facility from water body:- 100m. from state/NH 500m. Provision for leachate collection:- it is submitted that there is no land available within the jurisdiction of MC Dehra for the purpose of waste processing. The matter is brought to your kind notice for

	<p>is being done in the city, 1324 house hold and 483 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% . • Frequency of street sweeping and percentage of population covered:- daily 70% alternate day 20% twice a week 5% occasionally 5%. 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. • 4 Nos. ULB sanitation worker's & 30 nos. sanitation worker through garbage contractor J K enterprises deployed for collection including street sweeping secondary storage, transportation processing and disposal of waste. • 1 nos. garbage contractor in the ulb JK enterprises 30 nos manpower deployed for collection 			<p>to temporary site.</p> <ul style="list-style-type: none"> • Waste transported each day:- 1.88TPD, 100% waste transported daily. • 100% manual lifting of solid waste from storage depots • Waste treatment Technology :- Bailing machine shredder machine. • 	<ul style="list-style-type: none"> • RDF:- MC dehra 36 tons RDF send to ambuja, Ultratech cement plant bagha for the purpose of kiln. • Combustible waste supplied to cement plant :- MC dehra 36 tons RDF send to ambuja, Ultratech cement plant bagha for the purpose of kiln. 	<p>further necessary action.</p> <ul style="list-style-type: none"> • Difficulties:- Solid waste management site is not available.
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	including street sweeping secondary storage, transportation processing and disposal of waste.					
M.C. Jawala mukhi	<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 wards. Estimated Quantity of solid waste generated in the local body area per day 2.09/TPD. Quantity of solid waste collected 2.09/ 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%, 	<ul style="list-style-type: none"> Solid waste stored at source in a segregated form. 70% of premises segregating the waste at source. Lifting of solid waste from storage depots is 100% manual lifting. 	<ul style="list-style-type: none"> Bin less city. 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 /institution al bins. 8.20 cum storage capacity of waste storage facilities cubic meters. Waste storage deport:- Secondary storage point is 	<ul style="list-style-type: none"> Whether lifted from D2D and transported to treatment plant directly in a segregated form:- wet waste and dry waste are transported separately to treatment plant. Waste transported through 01 tipper (1trip) daily, 02 No. pick-up 2 Trip daily. Quantity of waste transported each day-2.09 tpd 	<ul style="list-style-type: none"> Solid waste is processed and 2.09/tpd quantity of waste processed daily. 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 	<ul style="list-style-type: none"> 15% households dispose or throw solid waste at source in domestic bins. 15% non-households dispose or throw solid waste at source in domestic bins. 0-25-70 hectare land available at processing site. Distance from city 9.00 km, from NH 9 km., important religious place:- 9km. Provision for leachate:- The leachate generated from wet waste is first collected in a leachate tank. This leachate is then reused in the composting pits, which helps accelerate the composting process and speed up the decomposition of wet waste. Difficulties:- main difficulty is ULBs are lacking technical know-how and scientific acumen

	<p>containerized tricycle/handcraft 10%.</p> <ul style="list-style-type: none"> • 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. • 04 safai karmacharies by local body and 56 safai karamcharies through contractor. 		<p>used as transferring station only and waste is stored only in extreme circumstance during navratas etc.</p>	<ul style="list-style-type: none"> • 100% of total waste transported daily. • Treatment Technology:-Bailing machine, OWC machine, Shredder machine pits. 	<p>from city/town:- MRF Shed, Storage Shed etc.</p> <ul style="list-style-type: none"> • Distance of processing facilities from city/town boundary:- 9.0 km. • Technology adopted:- For wet waste processing OWC machine is 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. • Composting:- raw 	<p>regarding waste processing. Also support from general public is lacking. Financial viability has become a big concern as people are not willing to pay user charges.</p>
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					<p>material processed :- 0.3tpd. final product processed: 0.06tpd.</p> <ul style="list-style-type: none"> • RDF :- raw material processed – Ultratech, Cement plant-300 ton, Ambuja cement plant:- 100 Ton. • Combustible waste supplied to cement plant :- Ultratech, Cement plant-300 ton, Ambuja cement plant:- 100 Ton. 	
M.C. Baijnath Paprola	<ul style="list-style-type: none"> • Population 17382. • Area 8.63 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. 	<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 	<ul style="list-style-type: none"> • Separate vehicle used for dry and wet waste. • Waste transportation 	<ul style="list-style-type: none"> • Solid waste is processed daily. • 4 tpd of waste processed daily. 	<ul style="list-style-type: none"> • 1858 sqm area of the as such site available for waste processing sites. • Distance of dumpsite from city 02 km. distance from nearest habitation is 1.5km.

	<ul style="list-style-type: none"> Quantity of Solid waste generated is 4.5 tpd; solid waste collected is 4 tpd; Per capita waste collected per year is 250/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 09 in SWM site and Dry waste processed through bailing Machine at WN1 Door to door collection is being 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. 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, 		<p>placed in NP Baijnath Paprola.</p> <ul style="list-style-type: none"> Lifting of solid waste from storage depots in manual lifting 100%. 	<p>through 2 Nos. Tractors and 6 Nos. Auto.</p> <ul style="list-style-type: none"> 4.5 tpd of waste transported each day. 95% of total waste transported daily. Technology adopted:- Wet waste processed through composting pits/Drum composter and bio-diester machine and gaushala. Dry waste bailed/shredder and sent to cement plant regularly. 	<ul style="list-style-type: none"> Treatment is done by through outsource. Land available with the local body for waste processing :- Burlikothi 26 karnal. 500 mtr distance of processing facilities from city/town boundary. Technology adopted:- Shredder machine and bailing machine for dry waste and bio-diester for wet waste. Composting :- Self utilization. Refuse derived fuel: RDF sent to cement plant. 	<p>500 mtr from water body, from national highway is 3 km, from airport 60km, from religious place or historical monuments 05km.</p> <ul style="list-style-type: none"> Difficulties: - waste littering issues due to surrounding Panchayat and commercial area.
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	<p>Spades, Rehires vehicle etc.</p> <ul style="list-style-type: none"> • Long Handle broom and handcart/tricycle for collection of waste, handcart/tricycle is containerized. • 57 nos. safai karmcharis through contractor. 				<ul style="list-style-type: none"> • Combustible waste supplied to cement plant:- RDF waste to sent to cement plants. 	
N.P. Jawali	<ul style="list-style-type: none"> • Population 10788. 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 	--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. • 95% of total waste processed daily. • Treatment Technology :- 25 no of pits 	<ul style="list-style-type: none"> • 3.46 tpd of waste processed daily. • Treatment is done by outsource. • 00-26-97 hect. Land is available. • Land is on rent basis. • 3km from city/town. • Composting 25 no's of pits composting and compost self-utilized by NP Jawali. 	<ul style="list-style-type: none"> • 1 no. of sites available with the local body. • Distance of facility from city/town-3 kms. • Distance from water body is 100 meters, from national highway 1 km. • Difficulties: - waste littering issues due to surrounding panchayat area.

	<p>1572 and 720 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 1 vehicle and containerized tricycle/handcart 7. • Street sweeping is done twice a day. 2.50km 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%. • Tools used: Bram, spades, Rehires vehicle etc. • Manual 100% sweeping is done. • Handle broom and handcart/tricycle is containerized are provided to sanitary workers. • 45 workers engaged for D2D collection, road sweeping and SWM site. 			<p>composting.</p>		
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<p>N.P. Shahpur</p>	<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 2 vehicle by Motorized vehicle, 5 containerized vehicle/handicraft. • Sweeping of streets twice a day 2.50 km Length of roads, street, lanes in the city, that need to be 	<p>--Nil--</p>	<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 and sent daily waste to SWM site kangra • Land currently utilized for waste processing:- Land transfer case under process. 	<ul style="list-style-type: none"> • Action plan has been prepared. • Difficulties: - SWM land transfer under process.
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	<p>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, collection tool synchronizes with collection/waste storage containers utilized. • 25 workers engaged for D2D collection and road sweeping. 					
M.C. 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 8.5 ton/day .Quantity of solid waste collected 8.5 ton/day. 	<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 	<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 	<ul style="list-style-type: none"> • 8.5/tpd of waste processed daily. • 0.28 hectare land available with the local body for waste processing. • Solid waste processing facility in operation: compost 	<ul style="list-style-type: none"> • Percentage of household dispose or throw solid waste streets is 5%. • Difficulties: - agitation by villagers for transportation of collected garbage to this site.

	<ul style="list-style-type: none"> • 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 daily is 100%. • 100% manual sweeping by long handled broom and collection tool synchronizes with collection/waste storage containers utilized. • 18 nos manpower deployed by local body and 90 nos through contractor. 		<ul style="list-style-type: none"> • 95% of non-residential premises practice storage of waste at source in commercial /institutional bins. • 100% manual lifting of waste. 	<ul style="list-style-type: none"> • 8.5/tpd waste transported each day. 	<ul style="list-style-type: none"> • baling machine. • Distance of processing facilities from city/town boundary is 15 Kms. • Composting:- Raw material processed:- 4.5tpd. Qty final product produced:- 0.8ton • 66 ton Combustible waste supplied to cement plant. 	
M.C. 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 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form • 100% of 	<ul style="list-style-type: none"> • Percentage of households practice storage of waste at 	<ul style="list-style-type: none"> • Waste transported. Through 20 trips per day truck and 	<ul style="list-style-type: none"> • 3 tpd of waste processed daily • Treatment is done by 	<ul style="list-style-type: none"> • 0.89 hectare Land is available with the local body. • Distance from city/town is within city is 2 km Distance

	<p>and number of election/administrative 9 ward.</p> <ul style="list-style-type: none"> • 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. • 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. • 10nos. deployed by local 	<p>segregating the waste at source.</p>	<p>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. • Wet and dry waste are transported separately to treatment plant. 	<p>pick up vans.</p> <ul style="list-style-type: none"> • 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 . 	<p>agency</p> <ul style="list-style-type: none"> • 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, Bailing machine. • Distance of processing facilities-2 KM. • Composting:- Raw material processed:- 2 tpd Qty final product produced: - 0.8tpd. • Refuse 	<p>from habitation 1 km.</p>
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	body and 37 through contractor for sweeping, collection, transportation, storage, processing and disposal.				Derived Fuel:- Raw material processed:- .8 tpd Qty final product produced:- -8tpd • Combustible waste supplied to cement plant-8 ton.	
N.P. 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 wards in the city/town. • Estimated Quantity of solid waste generated in the local body area per day 0.4 tpd • Quantity of solid waste collected 0.4 tpd. • Per capital waste collected per year 250/gm/day. • Door to Door: - D2D Collection of solid waste is being done in the city 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form • 90% 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"> • Wet and dry waste are transported separately to treatment plant. • NP chowari deployed 2 compartmental vehicle for collection and transportation of the waste to the processing 	<ul style="list-style-type: none"> • 0.4 tpd quantity of waste is processed daily • 0.35 hectares land available with the local body for waste processing. • Land currently utilized for waste processing is .35 hectares. • Solid waste processing 	<ul style="list-style-type: none"> • 1no's of dumpsite available. • Distance of dumpsite facility from city/town is approx.2 km. • .35 hec. Area of such sites available for waste disposal. • 1.3 km distance from nearest habitation, 600mtrs distance from water body, 2 km distance from national highway from NH 70km. • Difficulties: - 1. The post of sanitary supervisor is vacant for so many years due to that this ULB is facing some issues regarding monitoring

	<p>in 7 wards, 1164 approx. household and 225 non-residential premises are covered through 60% motorized and 40% containerized tricycle/handcart.</p> <ul style="list-style-type: none"> • Frequency; - daily 80% alternate day 20%. • 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:- shovel and brooms, Long Handle broom is provided to sanitary workers and the collection tool synchronizes with storage container utilized. • 07 nos. by local body's and 26 through contractor. 			<p>site.</p> <ul style="list-style-type: none"> • Quantity of waste transported .4 tpd. • 100% total waste transported daily. • Treatment Technology:- OWC, Plastic Shredder, Bailing machine. 	<p>facilities in operation : (compost pits OWC, and Bailing machine.).</p> <ul style="list-style-type: none"> • Composting:- Raw material processed:- .2 tpd. Qty final product produced:- .07 tpd 	<p>and implementation of SWM rules. So the post of sanitary supervisor may be filled on priority basis.</p> <p>2. NP chowari garbage collection track is about 15 years old so 1 no of truck is urgently needed for transportation of waste.</p> <p>3. Funds for construction of MRF sites may be provided on priority basis.</p> <p>4. 1 no's of incinerator is urgently required.</p>
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 	<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 	<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 	<ul style="list-style-type: none"> • Waste transported. 1 pick-up jeep Mahindra and 1 or 2 number of trips made. • Frequency of transportat 	<ul style="list-style-type: none"> • Solid waste processed daily and quantity processed daily 0.7. • Garbage collected from Cantonment 	<ul style="list-style-type: none"> • No dumping site.

	<p>the local body area 0.7/tpd. Quantity of solid waste 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 household. 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: • 100% manual sweeping. • Handle broom used by sanitation • The collection tools synchronizes with storage containers utilized. 	<p>cylinder bins.</p> <ul style="list-style-type: none"> • 12 no. covered metals/plastic containers. 	<p>waste storage facilities in cubic meters 500 Kg to 800 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. 	<p>ion of waste is on daily 100% basis.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 0.7 tpd. 100% of total waste transported daily. 	<p>Board Jutogh deposited at MC Shimla plant.</p>	
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 	<ul style="list-style-type: none"> • Solid waste is stored at source in a segregated form. • 70% of premises segregating the waste at 	<ul style="list-style-type: none"> • 100% households practice storage of waste at source in domestic. • Cement concrete 	<ul style="list-style-type: none"> • Solid waste is lifted form D2D & after segregation of waste sent to JBR baddi 	<ul style="list-style-type: none"> • 2.5/tpd of waste processed daily. • Treatment is done through Through agency 	<ul style="list-style-type: none"> • Action plan prepared for improving solid waste management practice:- Composting machine has been procured and installed for collecting disposal of solid waste.

	<p>day 2.2-2.5/tpd.</p> <ul style="list-style-type: none"> • Quantity of solid waste collected 2.2-2.5/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 of solid waste is being done in the city in 6 wards. • 460 house hold covered and 12no. 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. 	<p>source.</p>	<p>cylinder bins 70 nos. and covered metal containers 35 no (covered tin bins).</p> <ul style="list-style-type: none"> • Ward wise details of waste storage depots:- Ward 1-6, total nos. of bins 87 and total volume of bins placed 87. • Total storage capacity of waste storage facilities in cubic meters-2.5 per day. • Total waste actually stored at the waste storage depots daily 2.5 ton per day. • Frequency of collection of waste from the depots is 	<p>through CB vehicle.</p> <ul style="list-style-type: none"> • Waste transport ed- type and number of vehicles used Tata Ace. & Eicher pro 2080XP tipper. • Quantity of waste transported each 1.5/Tpd. • Percentage of total waste transported daily 2.5-3.5/tpd. 	<p>JBR Baddi.</p> <ul style="list-style-type: none"> • Distance of processing facilities from city/town boundary:- 150 mtr 	
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	<ul style="list-style-type: none"> • 35 safaiwala, 01 S.I, 03 S.S, driver 02, 02consy. vehicle. By local body. 		<p>daily, 105 no. of bins.</p> <ul style="list-style-type: none"> • Lifting of solid waste from storage depots 100 % of manual lifting. 			
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 household. 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% 	<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 household's 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. • 16 cubic meters total capacity of 	<ul style="list-style-type: none"> • 01X partitioned vehicle used of transportation per day. • 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 	<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 3km. • Composting:-0.1 tpd. 	<ul style="list-style-type: none"> • Action plan:- MSW management and handling rules, 2016 implemented and being followed,

	<ul style="list-style-type: none"> • 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%. • 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. • 24 nos. manpower deployed by local body. 		<p>waste facilities in cubic meters.</p> <ul style="list-style-type: none"> • 3 quintals approx. waste actually stored at waste storage depots daily. • Frequency daily 12 bins. • Storage depots have facility for storage of segregated waste in green, blue, and black bins., • Lifting of solid waste from storage depots is 100 % manual. 	<p>recovery facility and composting.</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 	<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 	<ul style="list-style-type: none"> • Through 1 no. vehicle transported. • Quantity 	<ul style="list-style-type: none"> • 1.2 qtl/day quantity of waste processed per day. • Composting 150-170 	<ul style="list-style-type: none"> • 3 safai wala for excavating trenches. • Action plan:- MSW management and handling rules, 2026 implemented and

	<p>premises in the city 5-6. Number of election/administrative ward in the city 2.</p> <ul style="list-style-type: none"> Quantity of solid waste generated in the local body area per day 1.5qtl/day. Quantity of solid waste collected 1.2qtl/day. Quantity of solid waste disposed at landfill/dumpsite 1.2qtl per alternate day. 1kg/day per capita waste collected per year. Door to Door: - D2D Collection of solid waste is being done in the city in 2 wards. 214 households. 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 containers. 		<p>bins.</p> <ul style="list-style-type: none"> 16 metallic covers storage bins (2 & 4 qtl bearing capacity) waste storage depots in the city/town. 15 PVC covered bins of 120 litres each all residential area. Bin/population ratio. 1:45 Nos, of bins 12 volume of bins 6x4 . Total storage capacity of waste facilities in cubic meters:- 35. Total waste actually stored at the waste storage depots daily. 1.5 quintal per day. Frequency daily 40 alternate day 40. 	<p>of waste transported each day 1.2 qtl./day</p> <ul style="list-style-type: none"> 100% of total waste transported daily. Technologies used:- MRF (Material recovery facility and composting) 	<p>kgs.</p> <ul style="list-style-type: none"> Land currently utilized for waste processing is (approx. 100 Mtrs X 100 Mtrs). 	<p>being followed.</p>
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	<ul style="list-style-type: none"> • 20 nos. manpower deployed by local body. 					
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. 	<ul style="list-style-type: none"> • Solid waste is stored at source in a segregated form. • 80% 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"> • 3 round daily for transportation. • 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:- Qty. raw material processed- 0.09 tppn Qty final product produced:- 0.09 tpd. • Vermi composting:- Qty. raw material processed- 0.01 tppn Qty final product produced:- 0.01 tpd. 	Nil

	<ul style="list-style-type: none"> • 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. 					
Cantonment Board Dagshai	<ul style="list-style-type: none"> • Population 2904. • 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. Collected :- 0.5tpd. • Per capita waste collected per day 1500 gm/day • Quantity of solid waste collected 0.5tpd. • Solid waste management service:- Bio degradable& Non bio-degradable. • Door to Door: - D2D Collection of solid waste is being done in the city in 6 wards. 	<ul style="list-style-type: none"> • Solid waste is stored at source in segregated form. • 50% of premises segregating the waste at source. 	<ul style="list-style-type: none"> • 100% of households practice storage of waste at source in domestic. • Waste Storage Facility Cement concrete cylinder bins 39 number. Covered metals containers 20 numbers. • Bin/Population ratio 59:2904 • Ward wise details of 	<ul style="list-style-type: none"> • Waste transported 3 trips in jeep attached with Trailer. • Quantity of waste transported each day 0.5tpd. • 100% frequency of transportation of waste. • Treatment is done through agency. 	<ul style="list-style-type: none"> • 0.5tpd quantity of waste processed each day. • 3750 m² land is available with the local body for waste processing. 	<ul style="list-style-type: none"> • 2nos. manpower deployed at landfill site. • Cover of landfill through soil.

	<ul style="list-style-type: none"> • 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. • 26 safaiwala, deployed by local body. 		<p>waste storage depots :- 1-6 ward total nos. of bins. 59.</p> <ul style="list-style-type: none"> • 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. 			
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Note: - The information in the statement is compiled based on the reports filed by Local Bodies.

ANNEXURE – III (2024-25)

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 21.22T. Final product 2.1T Approx.	No leachate generated	No incineration
3	Municipal Council, Ghumarwin	Raw material processed:-1.69 tdp. Qty final product produced:-piggery farm.	No leachate generated	No incineration
4	Nagar Panchayat, Talai	Raw material processed:-0.92 tdp. Qty final product produced:- compost. Qty Sold:- 7800 kg (during the year 2024-25).	Leachate collection tank has been constructed at site.	No incineration

5	Municipal Corporation, Mandi	5 tpd raw material processed. 0.05 final product produced.	Yes, provision for leachate collection is being made.	No incineration
6	Municipal Council, Sundernagar	Raw material processed:-4 Final product produced:-0.05,	Yes, provision for leachate collection is being made.	No incineration
7	Municipal Council, Nerchowk	No.	No leachate generated	No incineration
↶	Municipal Council, Jogindernagar	Final product produced:-1 tpd.	Yes, provision for leachate collection is being made.	No incineration
↷	Municipal Council, Sarkaghat	Raw material processed:-1.0-1.2tpd.	Leachate tank is constructed.	No incineration
10	Nagar Panchayat, Rewalsar	No.	No leachate generated	No incineration
11	Nagar Panchayat, Karsog	No	Yes. provision for leachate collection is being made.	No incineration
12	Municipal Council, Chamba	Raw material processed: -4.5 tpd Qty final product produced: -. 0.8tpd	Yes. provision for leachate collection is being made.	No incineration
13	Municipal Council, Dalhousie	Raw material processed:-2 tpd Qty final product produced:-0.8tpd.	No leachate generated	No incineration

14	Nagar Panchayat, Chowari	<p>OWC machine.</p> <p>Raw material processed:-0.2 tpd.</p> <p>Qty final product produced:- 0.07 tpd</p>	No leachate generated	No incineration
15	Municipal Corporation, Hamirpur	<p>Raw material processed:- 5.40 tpd.</p> <p>Qty. final product produced:-1.32</p> <p>Qty. Sold:-1.21tons.</p>	<p>Yes, (the leachate generated from wet waste is first collected in a leachate tank. This leachate is then reused in the composting pits, which helps accelerate the composting process and speeds up the decomposition of wet waste.</p>	No incineration
16	Municipal Council, Sujapur	<p>Raw material processed:- 1.7 tpd.</p> <p>Qty of final product: 0.34ton.</p> <p>Qty sold 0.15 tons.</p>	<p>Yes, (the leachate generated from wet waste is first collected in a</p>	No incineration

			leachate tank. This leachate is then reused in the composting pits, which helps accelerate the composting process and speeds up the decomposition of wet waste.	
17	Municipal Council, Nadaun	Qty raw material processed -0.3tpd through composting pits approximately. 0.2 TDP send to piggery farm 0.49 processed through OWC machine Final product:- 0.158 Ton approx.	Yes, (the leachate generated from wet waste is first collected in a leachate tank. This leachate is then reused in the composting pits, which helps accelerate the composting process and speeds up the	No incineration

			decomposition of wet waste	
18	Nagar Panchayat, Bhatta	<p>OWC machine available.</p> <p>Qty. of raw material processed:- 0.5.</p> <p>Qty of final product:- Compost.</p>	<p>Yes, (the leachate generated from wet waste is first collected in a leachate tank. This leachate is then reused in the composting pits, which helps accelerate the composting process and speeds up the decomposition of wet waste.</p>	No incineration
19	Municipal Corporation, Una	<p>Raw material processed:- 300 kg.</p> <p>Final product produced: under process.</p>	<p>Yes, provision for leachate collection is being made.</p>	No incineration
20	Municipal Council, Santokhgarh	<p>Raw material processed:- 200 kg.</p> <p>Final product produced: under</p>	<p>Yes, provision for leachate</p>	No incineration

		process.	collection is being made.	
21	Municipal Council 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	No leachate generated	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 tone raw material processed 0.2 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	No.	Nil	No incineration
32	Municipal Council, Jawalamukhi	OWC machine/compost pits available. Raw material processed – 0.3 tpd. Final product produced – 0.06tpd.	Yes, (the leachate generated from wet waste is first collected in a leachate tank. This leachate is then reused in the composting pits, which helps accelerate the composting process and	No incineration

			speeds up the decomposition of wet waste.	
33	Municipal Council, Baijnath-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. 2-3 ton wet waste is being treated per day Final product produced- Approx. 500kg.	No leachate generated	No incineration
37	Municipal Council, Manali	No	Yes, provision for leachate collection is being made.	No incineration
38	Nagar Panchayat, Bhuntar	About 200 kg	No leachate generated	No, incineration
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. Used at hotel premises.	Yes, provision for leachate collection is being made.	Waste to energy plant :- gasification. 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	No incineration
45	Nagar Panchayat, Narkanda	.2 tpd raw material processed,	No leachate generated	No incineration

		0.035 final product produced. 35 kg sold.		
46	Nagar Panchayat, Chopal	No	No leachate generated	No incineration
47	Nagar Panchayat, Kotkhai	Yes, by OWC machine	Yes, provision for leachate collection is being made.	No incineration
48	Nagar Panchayat, Jubbal	0.315 tpd raw material processed, 0.315 final product produced.	Yes, provision for leachate collection is being made.	No incineration
49	Municipal Council, Sunni	raw material processed-0.56tpd	Yes, provision for leachate collection is being made.	No incineration
50	Nagar Panhayat Nerwa (newly constituted)	No	No leachate generated	No incineration
51	Nagar Panchayat Chirgaon (newly constituted)	0.20tpd raw material processed in composting pits. 0.16 piggery. 0.20 is self-disposed by local body.	No leachate generated	No Incineration
52	Municipal Council, Nahan	Qty final product produced:- 2000 kg approx..	No leachate generated	No incineration

		Qty sold:- Final product utilized in MC own perks and gardens and sold out nearby farmers.		
53	Municipal Council, Paonta	Qty raw material processed:-3tpd. Qty final product produced:- 150 kg/day. Qty utilized in MC own parks and gardens.	No leachate generated	No incineration
54	Nagar Panchayat, Rajgarh	No	No leachate generated	Yes, sent to cement plant time to time.
55	Municipal Corporation, Solan	Work outsourced to M/s suntan life.	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 Corporation, Baddi	Yes	Leachate collection tank	No incineration

			made by M/s JBR at site.	
59	Nagar Panchayat, Arki	No	No leachate generated	No incineration
60	Nagar Panchayat, Kandaghat (newly constituted)	No	No leachate generated (wet waste processed outside city)	All solid waste processed at SWM plant Bhariyal, MC Shimla.
61	Cantonment Board Jutogh, Shimla	The composting facility provided	No leachate generated	No incineration
62	Cantonment Board Kasauli, Solan	Treatment through JBR 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 Dalhousie, Chamba	Composting 0.1 tpd.	No leachate generated	No incineration
66	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.