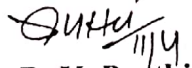


Form - V
(See rule 24 (3))

Format of Annual Review 2017-18 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,
'Parivesh Bhawan' 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 : 02 B. Municipal Council : 31 C. Nagar Panchayat : 21 D. Cantonment Board : 7
4.	Number of authorization application received.	4
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 : 12.4.19		 (Dr. R. K. Pruthi IAS) Member Secretary HP State Pollution Control Board Telephone No. 0177-2673766
Place: SHIMLA		

ANNEXURE – I (2017-18)

A SUMMARY STATEMENT ON PROGRESS: MADE BY MUNICIPAL AUTHORITY IN RESPECT OF IMPLEMENTATION OF SOLID WASTE MANAGEMENT

S. No.	Name of the Municipal Authority	Setting up of waste processing & disposal facilities	Identification of landfill sites for future use and making sanitary landfill site.	Proposal made to improve Solid Waste Management Practices and comments/remarks of ULB.
1.	MC Shimla	A new waste to energy plant having 100 Tonnes/day capacity is set up on Tara Devi bye Pass road. The plant is yet to be made functional.	Site identified, at Totu Bhariyal (New Plant) but yet to be developed.	Efforts are being made by MC Shimla for 100% coverage w.r.t collection of waste. The project for setting up of Engineered Landfill site has also been approved for the Shimla City and is in process of development.
2.	MC Rampur Bushahr	There is no waste processing facility.	Dumping site exists.	M.C Rampur has started 80% door to door garbage collection.
3.	M.C Theog	There is no waste processing facility.	Dumping site exists.	Not done
4.	MC Rohroo	There is no waste processing facility.	Dumping site exists.	--
5.	N.P. Narkanda	There is no waste processing facility.	Dumping site exists.	Special funds should be provided for construction of waste modern waste plant of tourist below Narkanda.
6.	N.P. Suni	There is no waste processing facility.	Dumping site exists.	--
7.	N.P. Chopal	There is no waste processing facility.	Dumping site exists	--
8.	N.P. Kotkhai	There is no waste processing facility.	Dumping site exists	---
9.	N.P. Jubbal	Waste processed facility available.	Dumping site exists.	---
10.	M.C. Solan	Open dumping, recovery of recycle waste is started and waste is sent to Shimla.	Dumping site exists,	--

11.	M.C. Nalagarh	There is no waste processing facility available.	Dumping site exists.	RDF and compost waste plant to be established by JBR Ltd. at SWM site kenduwal.
12.	M.C. Parwanoo	Waste processing facility Recovering of dumped waste is started on.	dumping site exists.	---
13.	M.C. Baddi	Waste processing facilities available.	Dumping site exists.	RDF and compost waste plant to be established by JBR Ltd. at SWM site kenduwal.
14.	NP Arki	There is no waste processing facility.	Dumping site exists.	--
15.	M.C. Nahan	There is no waste processing facility	Dumping site exists.	--
16.	M.C. Paonta	There is no waste processing facility	Dumping site exists.	--
17.	N.P. Rajgarh	No facility exists.	Solan dumpsite used, however land identification is under process.	--
18.	M.C. Bilaspur	There is no waste processing facility.	Dumping site exists.	M.C Bilaspur has started 100% door to door garbage collection which has resulted beautification of the city.
19.	M.C. Shri. Naina Devi Ji	There is no waste processing facility.	Dumping site exists.	Pit compositing facility constructed and operational and MRF is under development process.
20.	M.C. Ghumarwin	There is no waste processing facility .	Land site has been identified for source segregation.	--
21.	N.P. Talai	There is no waste processing facility.	Dumping site exists.	Action plan is under construction
22.	M.C. Mandi	There is no waste processing facility.	Dumping site exists.	--
23.	M.C. Sundernagar	There is no waste processing facility.	Dumping site exists.	Yes door to door collection services has been started w.e.f 1 Nov 2016.

24.	M.C. Nerchowk	There is no waste processing facility.	Dumping site exists and presently all the garbage transported to MC Mandi site.	--
25.	N.P. Sarkaghat	There is no waste processing facility.	Dumping site exists.	--
26.	N.P. Jogindernagar	Waste processing facility available.	Dumping site exists.	--
27.	N.P. Rewalsar	No site	No dumping site exists and presently all the garbage transported to M.C Mandi site.	--
28.	N.P. Karsog	There is no waste processing facility.	No dumping site exists.	--
29.	M.C. Kullu	Waste processing facility available.	Dumping site exists.	--
30.	M.C. Manali	Waste processing facility available	Dumping site exists.	M.C is in the process of installing waste to energy project and site to be made operational by 31.03.2019.
31.	N.P. Bhunter	Waste processing facility available.	Dumping site exists.	--
32.	N.P. Banjar	Waste processing facility available.	Dumping site exists.	--
33.	M.C. Una	There is no waste processing facility.	Dumping site exists.	--
34.	M.C. Santokhgarh	There is no waste processing facility.	Dumping site exists.	M.C can collect the garbage in segregated manner, but we cant run the solid waste project because technical support is required at government level.
35.	N.P. Dalautpur	Not done	Dumping site exists.	--
36.	N.P. Gagret	There is no processing facility.	Dumping site exists	--
37.	N.P. Mehatpur	There is no waste processing facility.	No dumping site exists and being shared with M.C santokhgarh.	Regional solid waste management unit.
38.	N.P.Tahliwal	There is no waste processing facility	No dumping site exists	--
39.	M.C. Hamirpur.	There is no waste processing facility.	Dumping site exists, 1 number of dumsite available with the local body.	--
40.	M.C Sujanpur	There is no waste processing facility.	No Dumping site exits.	Plant, presently SO SWM is transported to dumping site at M.C Hamirpur at Hamirpur.
41.	N.P. Nadaun	There is no waste processing facility.	Dumping site exits.	--
42.	N.P. Bhota	There is no waste processing facility.	Dumping site exits.	--
43.	M. Corp. Dharamshala	There is no waste processing facility.	Dumping site exists.	--

44.	M.C. Kangra	Pit compositing system installed	Dumping site exits.	--
45.	M.C. Palampur	There is no composting facility.	Dumping site exits.	--
46.	M.C. Nurpur	There is no waste processing facility.	Dumping site exits.	New technology system is required to be adopted.
47.	M.C. Nagrota	No site	Not done	--
48.	M.C. Dehra	There is no waste processing facilities.	Dumping site exits.	Land transfer case in progress
49.	M.C. Jawalamukhi	There is no waste processing facilities.	Dumping site exits.	The M.C has adopted the Solid Waste Management Rules, 2016 and garbage collection and disposal bye laws 2018. The municipal council is regulary awaring the people but 40% people are not obeying the rulers, even they are not paying the user charges to the contractor/municipal council.
50.	N.P. Jawali	There is no waste processing facilities.	Dumping site exits.	18 no of safai karmcharies has deputed to clean the roads and streets. Nagar Panchayats has no sanitary supervisor t inspect the work.
51.	N.P. Baijnath-Paprola	There is no waste processing facilities	Dumping site exits.	--
52.	M.C. Chamba	There is no waste processing facilities.	Dumping site exits.	--
53.	M.C. Dalhousie	Not done	Dumping site exits.	--
54.	N.P. Chowari	There is no waste processing facilities.	Dumping site exits.	Infrastructure required
55.	Cantonment board jatogh	There is no waste processing facilities.	Dumping site exits.	--
56.	Cantonment board Kasauli	(Trenching ground)	Dumping site exits.	--
57.	Cantonment board yol	There is no waste processing technolgy.	Dumping site exits.	New technology system is required to be adopted.
58.	Cantonment board	There is no processing facility.	Dumping site exits.	Provision for Em (Effective

	Dalhousie			Microorganism). Technology are being made for bio-degradable waste stabilization.
59.	Cantonment board bakloh	Not done	Dumping site exits.	--
60.	Cantonment board subathu	Waste processing facilities available.	Dumping site exits.	--
61.	Cantonment board dakshai	There is no waste processing facilities.	Dumping site exits	--

Note: - The information in the statement is compiled based on the reports filed by Local Bodies and / or concerned Regional Officers of the State Board.

ANNEXURE-II (2017-18)

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

Name of the Municipal Authority	PARAMETERS AS PER SCHEDULE –II					
	Collection	Segregation	Storage	Transportation	Processing	Disposal
MC Shimla	<ul style="list-style-type: none"> No. of Wards 34 Total Population 2,42000 approx. The total waste generated 85 Tons/day and collected 60-80 Tons/day. Per capita 350g/day. Solid waste processed 60-80 tpd. Door-to-Door collection occurs in all 34 wards through SEHB Society. No. of household 40224. No. of non-residential premises 3000 approx. Through motorized vehicles 30% and through other devices 70%. 100% street sweeping by long handled broom. 	<ul style="list-style-type: none"> 100% storage of waste at source in dustbins in households and commercial establishments. 20-25% of premises segregating the waste at source. 	<ul style="list-style-type: none"> Solid waste is stored at 180 domestic/commercial/institutional bins. bins. Compartilised bins are placed. Dumper placer and twin dumper placer are used. 	<ul style="list-style-type: none"> Transportation through 6 Tipping Truck 8 Dumper Placer, 2 Compactors, 2 Swachta Vhaanas,25 Pick Ups. 60-80tpd/day transported per day. 	<ul style="list-style-type: none"> Land available for processing of waste 2.45 Hectare. Collected waste (60-80 tonnes) is sent to waste processing plant i.e waste to energy M/s Elephant Energy Pvt. Ltd. Currently RDF Section is being operationalised and waste is being converted to RDF (40 Tonnes per day approx.) and sent to Cement factories.(25 TPD) Facility at site:- Lighting facility is available on site. Bridge facility available .bulldozer. Jcb available. man 	<ul style="list-style-type: none"> One Landfill is being developed by MC Shimla near MC processing Facility which is 13 Km from city. 1-1.5 distance from habitation 1.5 km distance from water body, 2.5 km distance from national highway. 10 km distance from airport. Total waste landfilled 5-8 TPD.

					power deployed at land filled site Covering is done on daily basis by soil and construction debris	
MC Rohroo	<ul style="list-style-type: none"> Total population 6875. Total ward 7. Household 1545 Non residential premises in the city 800. Quantity of solid waste generated collected 1.90 tonne Per day. D2D collection in all 1545 households and 400 Non residential/commercial establishments.Through motorized vehicles 40% and through other devices 60%. Street sweeping by long handled broom. Sweeping once a day. 	--	<ul style="list-style-type: none"> Provided 15 Metallic plastic container and 8 bins placed for storage. Daily cleaning of bins. 	<ul style="list-style-type: none"> Transportation of waste through 2 Tractors and 1 dumper placer. Two trips a day.100% transportation 	<ul style="list-style-type: none"> Land available for dumping of waste 0.2520 Hectare. Facility provided:- Land fill site is fenced 	<ul style="list-style-type: none"> Total waste dumped 1.90 Tpd. Facility is 500 meter from city.1-1.5 distance from habitation 200 m distance from water body, 600 m distance from national highway. 300 m distance from airport.
MC Rampur Bushahr	<ul style="list-style-type: none"> Total population 9239. Area in Sq. Km. 4.044. Number of house hold in the city 3281 approx. and number of non-residential premises in the city 1343 approx. 	--	<ul style="list-style-type: none"> Solid waste is stored at source in domestic commercial/ins titutional bins. Waste storage in the 	<ul style="list-style-type: none"> 50% motorized vehicle of residential and non-residential premise covered in D2D. Storage depots have facility for storage. Front-end loaders, 	<ul style="list-style-type: none"> Lifting of solid waste from storage depots 48% of manual lifting and of solid waste and 52% of mechanical lifting. Manually 	<ul style="list-style-type: none"> Quantity of solid waste disposed at dumpsite/landfill 2.75 tpd. Area for waste disposal 12750 sq Metre.

	<ul style="list-style-type: none"> • 9 nos of wards are covered in D2D. 2560 household covered and 1320 non-residential premises • Quantity of solid waste generated 3.75 tones. • Quantity collected per day 2.75/ tpd, • Per capital waste collected per day 395 gms. • D2D collection of solid waste is being done in the city. • Primary collection adopted through containers. Sweeping of street on daily basis and 16.50 km of length of roads, street, lanes in the city. Frequency of collection of waste from depots 30 nos bins cleared daily, 10 nos. bins alternate day, 18 nos. bins covered twice a week. 		<p>city/town 10 nos. masonry bins, 48 nos. of 2 to 5 m³ bins.</p> <ul style="list-style-type: none"> • 53/9239 bin/population ratio. • Total waste actually stored at the waste storage depots daily 2.10 tons. 	<p>top loaders Hydraulic dumpers placer used for lifting & disposal of waste.</p> <ul style="list-style-type: none"> • Waste transported through by 1 no. tipper and 1 no small tipper and 1 no dumper placer. Transportation of waste 61% daily, 30 % twice a week. 	<p>processing at site by sweepers.</p> <ul style="list-style-type: none"> • Land available for processing of waste 2.10 tpd. 	<ul style="list-style-type: none"> • Facility is 5.00 km fom city . • 0.500 km distance from habitation • 0.062 km distance from water body, d • 10 km distance from airport.
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 1225 . • Number of wards 7. • Number of non- 	--	<ul style="list-style-type: none"> • Solid waste is stored at source in a segregated form. 22 %. • Secondary Waste Storage 	<ul style="list-style-type: none"> • Waste Transportation per day 2 trips waste transported per/day. • 2 tipping trucks . • Frequency of transportation 	<ul style="list-style-type: none"> • Quantity of solid waste processed 0.98 qtl. • 1 no of slums are identified. • Manual processing at site by safai 	<ul style="list-style-type: none"> • Quantity of solid waste disposed at landfill 1.50tpd. • Solid waste disposal facilities 1no.

	<p>residential premises in the city 7nos.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area 2 tonne per day. • Quantity of solid waste collected 1.80per day /tpd. • Per capita waste collected 2.80 per day /gm/day. • Door to Door Collection of solid waste in 7 wards.No. of households covered 750. • No. of non-residential premises including commercial Establishments, hotels, restaurants educational institutions/offices etc covered 7 nos. • Percentage of residential and non-residential premises covered in door to door collection through :Other device 80%.collection adopted 20 % through dustbins. • Sweeping of street daily. Tools used 90% Manual sweeping yes 		<p>facilities 3 nos.</p> <ul style="list-style-type: none"> • Open waste storage sites. No. of bins placed 30. • Total volume of bins placed 30 • Total waste actually stored at the waste storage depots 1.25 tonnes . • Number of bins cleared 12 nos. • Frequency No. of bins Daily- 18. Alternate 18%.Twice a week- 4 • Storage depots have facility for storage of segregated waste in green, blue and black bins lifting of solid waste from storage depots is manual 100% 	<p>daily.</p> <ul style="list-style-type: none"> • Percentage of total waste transported daily 80%. Twice a week 30%. Quantity of waste transported each day is 1.80 tpd. • Tool used:- Mechanical/manual sweeping 90%. 	<p>karamcahri.</p>	<p>450 sq km.</p> <ul style="list-style-type: none"> • Distance from city 1 km, from habitations 1 km. Distance from water body 0.50 kms.
--	---	--	--	---	--------------------	--

	handle broom used by sanitation workers each sanitation worker is given handcart/tricycle for collection of waste					
NP Narkanda	<ul style="list-style-type: none"> Population 901 Area in sq. kilometers 1.04 Number of households in the city/town , 126 Number of non-residential premises in the city 7 nos. Estimated Quantity of solid waste generated in the local body area 0.240 tpd. Quantity of solid waste collected 0.240 per day /tpd. Per capita waste collected 0.025 per day /gm/day. Quantity of solid waste disposed at landfill 2.34 /qtl. Door-to-Door Collection of solid waste in three wards. No. of households covered 55. No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/offices etc covered 7 nos. 	<ul style="list-style-type: none"> Segregation and storage of waste is being done in three wards only. 60% of households practice storage of waste at source in domestic bins. 75 % of non-residential premises practice storage of waste at source in commercial bins. 25% of households dispose of throw solid waste on the Streets. 16 % of non-residential premises dispose of throw solid Waste on the 	<ul style="list-style-type: none"> Solid waste is stored at source in a segregated form. 22 Percentage. Secondary Waste Storage facilities 3 nos. Open waste storage sites. 1 to 7 nos. of Ward storage depots. No. of bins placed 6 (Big) Total volume of bins placed 30 (Small) Total storage capacity of waste storage facilities in 12 cubic meters. Total waste actually stored at the waste storage depots 2.32 qtl. Give frequency of 	<ul style="list-style-type: none"> Waste Transportation per day 2.48 qtl. by hydraulic pickup. Frequency of transportation of waste- daily. Quantity of waste transported each day 2.38 qtl. 100% waste transported daily. Tool used:- Mechanical/manual sweeping 90%. Facilities provided to workers- long handle broom, handcraft/tricycle for collection of waste. 	<ul style="list-style-type: none"> 1 no of slums are identified and provided with SWM facilities. Solid waste processed partially. 20% waste processed. Treatment done by local body . 450 square metre land available for waste processing facility. Processing at site is manual by safai karamchahri. Quantity of solid waste processed 0.98 qtl. 	<ul style="list-style-type: none"> Solid waste disposal facilities 1no. 450 sq km. Distance from city 0.4 km, from habituations 0.40 km. Distance from water body 0.60 kms. 2.38 qtl /day land filled.

	<ul style="list-style-type: none"> Percentage of residential and non-residential premises covered in door to door collection through :Motorized vehicle-48% Containerized 6% tricycle/handcart 18% Frequency of street sweepings and percentage of population Covered 82%. Sweeping of street daily. 	streets.	<p>collection of waste from the depots:-</p> <p>a) Number of bins cleared 12 nos.</p> <p>b) No. of bins cleared daily-12</p> <ul style="list-style-type: none"> Storage depots have facility for storage of segregated waste in green, blue and black bins. lifting of solid waste from storage depots is manual 10% and mechanical 90% by hydraulic pickup. 			
N.P sunni	<ul style="list-style-type: none"> Population 2591. Area in sq. kilometers 1.76. Number of households in the city/town, 660 Nos. of non-residential premises in the city 23 nos. and 7 wards. Quantity of solid waste generated in the local 	<ul style="list-style-type: none"> Segregation and storage of waste is being done in 100% of households practice storage of waste at source in domestic bins 100% of non- 	<ul style="list-style-type: none"> Storage depots in the city and towns:- No. of bins placed 13 (Big) Total volume of bins placed 4.5 m³ Total waste actually stored 	<ul style="list-style-type: none"> Waste Transportation by tipping Trucks. Frequency of transportation of waste 100% daily Quantity of waste transported each day 0.05 tpd. 	<ul style="list-style-type: none"> Solid waste processed partially. 5.50 Bigha land available in ward No. 4. 	<ul style="list-style-type: none"> Distance from city 01km, from habitations 0.05km. Distance from water body 0.05 kms. Distance from national highway 1 km.

	<p>body area 0.05 tpd.</p> <ul style="list-style-type: none"> Quantity of solid waste collected 0.05 per day /tpd. Per capita waste collected 200 g per day /gm/day. Quantity of solid waste disposed at landfill 0.05 tpd. Door to Door Collection of solid waste in 7 wards. No. of households covered 660. % of residential and non-residential premises covered in D2D collection through : manually gunny bags. 	<p>residential premises practice storage of waste at source in commercial /institutional bins.</p> <ul style="list-style-type: none"> 20-25 % of premises segregating waste at source. 	<p>at the waste storage depots 58.50 Qtl.</p> <ul style="list-style-type: none"> Frequency of collection of waste from the depots- Nos. of bins cleared 13 nos. Frequency No. of bins daily cleared- 13. Lifting of solid waste from storage depots is manual -100% 	<ul style="list-style-type: none"> 100% waste transported daily Tool used:- They provided Workers with long handle broom, sanitation workers given handcraft /tricycle for collection of waste. 	<ul style="list-style-type: none"> Quantity of 0.05tpd landfill each day. 	
NP CHOPAL	<ul style="list-style-type: none"> Population 185. 4 Number of households in the city/town, 743. Nos. of election/administrative wards in the city 7. Quantity of Solid waste generated 0.40 tone/day. Quantity of solid waste collected 0.40 per day /tpd. Per capita waste collected 0.40 gm/day. Quantity of solid waste disposed at landfill 0.40/tpd. Door to Door Collection 	<ul style="list-style-type: none"> 10% of households practice storage of waste at source in domestic bins. 2% household and 5 % non-residential premises solid waste disposed or throw on the street . 255 of premises 	<ul style="list-style-type: none"> Storage depots 1 no. of massonary bins. 25 covered metals/plastics containers. No. of bins placed 35 (Big) & 9 (Small) Total waste actually stored at the waste storage depots 0.5 tpd. 100% 	<ul style="list-style-type: none"> Waste Transportation- Through 1 tripper/day By hydraulic pickup. Frequency of transportation of waste on daily basis. Quantity of waste transported each day 0.40 tonnes. 	<ul style="list-style-type: none"> 1 no of slums are identified and provided Waste treatment technology used composting. Solid waste processed partially. Quantity of waste processed 20%. Treatment 	<ul style="list-style-type: none"> Land available with the local body for waste processing is 1 bigga. Solid waste disposal facilities 0. One number dumpsite and sanitary landfill available with the local body. 728 sq/m area available for

	<p>of solid waste in 7 wards. No. of households covered 743. Nos. of non-residential premises Covered 235 nos.</p> <ul style="list-style-type: none"> • % of residential is 100% and non-residential is 31 % premises covered in d2d collection . • Frequency of street sweepings and percentage of population covered 82%. Sweeping of street daily. 	<p>segregated the waste at source.</p> <ul style="list-style-type: none"> • 20%-25% of households dispose of solid waste on the Streets. • 16 % of non-residential premises dispose or throw solid waste on the streets. 	<ul style="list-style-type: none"> • Frequency of Collection of waste from the depots. • Number of bins cleared 35 nos. twice a week. • lifting of solid waste from storage depots is 100% manual. 		<p>done by local body.</p> <ul style="list-style-type: none"> • 450 square meter land available for waste processing. • 400 meter ahead from town. 	<p>waste disposal site for each site.</p> <ul style="list-style-type: none"> • Distance from city 01km. Distance from water body 2 kms. Distance from national highway 500m. • 8 number manpower deployed for collection and street sweeping.
NP Kotkhai	<ul style="list-style-type: none"> • Population 1190 • Area in sq. kilometers 45. • Number of households in the city/town , 441. No of non-residential 200 • Number of election/administrative wards in the city in 7. • Quantity of Solid waste generated 0.40 tonne tpd. • Quantity of solid waste collected 0.040 /tpd. Per capita waste collected 200gm/day. • Quantity of solid waste disposed at landfill 	<ul style="list-style-type: none"> • 100% of households practice storage of waste at source in domestic bins. • 100% household and non-residential premises solid waste disposed or throw on the street. • 5% of premises segregated the waste at source. • Non-residential premises practice storage 	<ul style="list-style-type: none"> • Storage depots 3 nos. of massonary bins. 15 covered metals/plastics containers. 10 number of 2 to 5 m2 bins. • No. of bins placed 8(Big). Total 4.5 gm waste storage facility in cubic meter. • Total waste actually stored at the waste storage depots 	<ul style="list-style-type: none"> • Equipment used at landfill JCB. Waste • Transportation 1 tripper/day pick up used. 	<ul style="list-style-type: none"> • 1 no of slums are identified and provided With SW M facilities. • Waste treatment technology used composting. • Solid waste processed partially. • Quantity of waste processed 20%. • Treatment done by local 	<ul style="list-style-type: none"> • Area of land currently used for waste disposal 1 bigga. • Distance from city 02km. Distance form habitation 1 km • Distance from water body 1 kms. Distance from national highway 0.05m. • Quantity of waste landfill 0.79 tpd.

	<p>0.040 tpd.</p> <ul style="list-style-type: none"> • Door to Door Collection of solid waste in 7 wards. No. of households covered 441.No. of non-residential premises including commercial Establishments etc. covered 200 nos. • Residential and non-residential premises covered in d2d collection through: Motorized vehicle-20%, containerized -10% tricycle/handcar-70%. • 100% street sweepings and population Covered. • Tools used- Manual sweeping 100% Yes long handle broom used by sanitation workers, each sanitation worker is given handcart/tricycle for collection of waste, yes the collection tool synchronizes with collection/ waste Storage containers utilized. 	<p>of waste at source in commercial bins 20%- 25% of households dispose of throw solid waste on the streets 16 % of non-residential premises dispose of throw solid waste on the streets.</p>	<p>0.045tonnes.</p> <ul style="list-style-type: none"> • Frequency of collection of waste from the depots daily from 3 bins. • lifting of solid waste from storage depots is manual 100% .s 		<p>body .</p> <ul style="list-style-type: none"> • 450 square meter land available for waste processing site. • 400 meter ahead from town. 	
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<p>N.P jubbal</p>	<ul style="list-style-type: none"> • Population 1640. • Area in sq. kilometers 9. • Number of households in the city/town, 442. No of non-residential 200 • Number of election/administrative wards in the city in 7. • Quantity of solid waste generated in the local body area 0.86 tpd. • Quantity of solid waste collected 0.082 /tpd. Per capita waste collected 524gm/day. • Quantity of solid waste disposed at landfill 0.789tpd. • Door to Door Collection of solid waste in 2 wards. No. of households covered 107. No. of non-residential premises including hotels, restaurants educational institutions etc covered 70 • nos. % of residential and non-residential premises covered in d2d collection through 	<ul style="list-style-type: none"> • 70% of households practice storage of waste at source in domestic bins. • 60% of non-residential premises practice storage of waste at source in commercial /institutional bins. • 5% of households dispose of throw solid waste on the Streets. • 8% of non-Residential premises dispose of throw solid waste on the streets. 	<ul style="list-style-type: none"> • Storage depots 0.Covered metals/plastics containers 25. • Bin population ratio 1:65 • No. of ward 1. No. of bins placed 5 nos. Total volume of bins placed 60. • Total waste storage capacity 36 cum. • Frequency of collection of waste from the depots daily from 12 bins, alternate day 3, twice a week 5, once a week 3, occasionally 2. • Storage depots have facility for storage of segregated waste in green 10, blue 15, and black bins 0. • Whether lifting of solid waste from storage depots is manual 100%. 	<ul style="list-style-type: none"> • Waste Transportation 2 trip/day cart and through rehris. • Frequency of transportation of waste Frequency 75% daily. • Alternate 5 %. 10% once a week .5 % occasionally. • Quantity of waste transported each day 0.82 tpd. • 95% of total waste transported daily. • Tool used:- Mechanical/manual sweeping %. They provided Workers with long handle broom, sanitation workers given handcraft/tricycle for collection of waste. 	<ul style="list-style-type: none"> • Waste treatment technology used de-compositing. • Solid waste processed partially. • Quantity waste processed 0.07 tpd. • Treatment done by local body. • 4.5m square meter land available for waste processing facility. • Raw material processed by compositing is 0.17. 	<ul style="list-style-type: none"> • One number of dumpsite and available with local body. 2 hec. area of site available for waste disposal. • Distance of city from site is 10 km. Distance from habitation 2 km. Distance from water body 10 kms. Distance from national highway 0.5m. distance from airport 10 km.
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	<p>Containerized 30%</p> <ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population Covered on daily 75%. Alternate days 5% and occasionally 5%. • Tools used Manual sweeping 100% long handle broom used by sanitation workers each sanitation worker is given handcart/tricycle for collection of waste. yes the collection tool synchronizes with collection / waste storage containers utilized. 					
Solan	<ul style="list-style-type: none"> • Population 40000. • Number of households in the city/town 9000. No of non-residential 2500 Number of election/administrative wards in the city in 15. • Quantity of solid waste generated in the local body area 20 tpd. • Quantity of solid waste 	<ul style="list-style-type: none"> • 30% of households practice storage of waste at source in domestic bins • 30% of non-residential premises practice storage of waste at source in commercial 	<ul style="list-style-type: none"> • Waste Storage depots- upto 1.1 metre cube bins capacity are 1mc. And 2 -5 meter cube bins capacity 4.5 msq. • 266 m cube waste storage facility. 	<ul style="list-style-type: none"> • 30% segregated waste lifted from door to door facility. • 2 nos. of tipper truck, 2 nos. dumpers placer and 2 number of Mahindra placer are used for transportation of waste. 	<ul style="list-style-type: none"> • 10 ton quantity of waste processed daily treatment done by agency Elephant energy plant Shimla . • land available 2 	<ul style="list-style-type: none"> • No of sanitary landfill site 1. Area of land currently used for waste disposal 150 sq meter. • Distance from habitation 8. Distance form habitation 1 km Distance from water body 1

	<p>collected 18 tpd. Per capita waste collected 500 gm/day</p> <ul style="list-style-type: none"> Quantity of solid waste disposed at landfill 10 ton/tpd. D2D Collection of solid waste in 15wards. No. of households covered 9000.No. of non-residential premises including, hotels, restaurants educational institutions/offices etc covered 2000 nos. Residential and non-residential premises covered in d2d collection through : Motorized vehicle 20%, Other device 80 % . Frequency of street sweepings and percentage of population covered on daily 60%. Alternate days 30% and twice a week 10%. Tools used Manual sweeping 100%. long handle broom used by sanitation workers. <p>Collection tools- yes</p>	<p>/institutional bins. 5% of households dispose of throw solid waste on the streets. 5% of non-residential premises dispose of throw solid waste on the streets. 30% of premises segregating the waste at source.</p>	<ul style="list-style-type: none"> 15 ton waste storage depots daily. Frequency of collection of waste from the depots daily from 30 bins, alternate day 32, twice a week 22. Storage depots have facility for storage of segregated waste in green 20, blue 20, and black bins 0. Lifting of solid waste from storage depots is manual 40% mechanical 60 %. 	<ul style="list-style-type: none"> Frequency of transportation of waste daily, 50% alternate 30% and twice a week 20%. Quantity of waste transported each day 16 ton and 80 % waste transported daily. 	<p>hectare with the local body.</p> <ul style="list-style-type: none"> Waste treatment technology used de-compositing. Solid waste processed partially. Quantity waste processed 0.07tpd. Treatment done by local body. 4.5m square meter land available for waste. Raw material processed by compositing is 0.17. 	<p>kms. Distance from national highway 2m.</p> <ul style="list-style-type: none"> Quantity of waste landfill 0.79 tpd. Yes the landfill site is fenced dyes. Yes it falls in flood prone area. Yes it falls in earthquake fault line area. 4 tone of waste land filled each day tpd. Yes landfill site is fenced and lighting facility is available on site. Vehicles and equipments used at landfill Bulldozer, Compacters available and JCB on rent. Yes covering is done on daily basis. Gas
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	waste storage container utilize.					ventilating provided
Nalagarh	<ul style="list-style-type: none"> Population 10702. Area 4.20 sq km. Number of households in the city/town 2535. Number of election/administrative wards in the city in 9. Quantity of Solid waste generated in the local body area 5 tone. Quantity of solid waste collected 5 tpd quantity of solid waste disposed at landfill 5 ton/tpd. Door to Door Collection of solid waste in 9 wards. No. of households covered 2535.Nos. of non-residential premises including commercial Establishments, hotels, restaurants educational institutions/offices etc covered 1304 nos. % of residential and non- 	<ul style="list-style-type: none"> 80% Percentage of households practice storage of waste at source in domestic bins. 80% of non-residential premises practice storage of waste at source in commercial /institutional bins. 20% of households and non-residential dispose of or throw solid waste on the Streets. 20% of premises segregating the waste at source. 	<ul style="list-style-type: none"> Waste Storage depots upto 1.1 meter cube bins capacity are 1mc. and 2 -5 meter cube bins capacity 4.5 msq. 266 m cube waste storage facility. 15 ton waste storage depots daily. frequency of collection of waste from the depots daily from 30 bins , alternate day 32, twice a week 22. Storage depots have facility for storage of segregated waste in green or blue bins distributed to household 20, and black bins 0. Lifting of solid 	<ul style="list-style-type: none"> Waste transportation 5 ton transported through tractor and dumper pacer. Frequency of transportation of waste daily. Quantity of waste transported each day 5 ton 5 %. 	<ul style="list-style-type: none"> Land available 2 bigga with the local body. SWM site is under construction at Kenduwal. 	<ul style="list-style-type: none"> Solid waste disposal facility at dumpsite village Manjholi. Area of land currently used for waste processing 2 bigga. Distance from city/ town 8 km Distance from habitation ½ km. Distance from water body 200ms. Distance from national highway 1.25 km. Quantity of waste landfill 5 tone. The landfill site is partially fence. Vehicles and equipments used

	<p>residential premises covered in d2d collection through: Motorized vehicle 20% Other device 60 %.</p> <ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population Covered on daily basis. Alternate days 30% and twice a week 10%. • Tools used 100% Manual sweeping. Yes long handle broom used by sanitation workers and waste storage container utilize. 		<p>waste on mechanical basis 100 %.</p>			<p>at landfill (specify) bulldozer, Compacters or JCB machines.</p>
M.C parwanoo	<ul style="list-style-type: none"> • Population 8758. • Area 8.2 sq km. • Number of households in the city/town 3500. No of non-residential 500 Number of election/ administrative wards in the city in 9. • Quantity of solid waste generated in the local body area 6 tpd. • Quantity of solid waste collected 6 tpd. Per capita waste collected 365 kg. • Quantity of solid waste 	<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 bins • Percentage of households dispose of 	<ul style="list-style-type: none"> • Waste Storage depots upto 1.1 meter cubic bins 45 capacity are 1mc. And 2 -5 meter cube bins capacity 25 meter cube. • Wards 9. • Area 8.12 km population 8758. • Number of bins 15 	<ul style="list-style-type: none"> • Number of tipping truck 1 . Number dumpers placer 2. others 3 pickups placer. one jcb on higher basis . • Frequency of transportation of waste daily 6 tpd • Quantity of waste transported each day and 90 % waste transported daily. • Waste treatment 	<ul style="list-style-type: none"> • 6 tpd. quantity of waste processed daily. • Land available 0.2575 hectare with the local body. • Waste sent to Shimla SWM plant. 	<ul style="list-style-type: none"> • Land available for waste processing sites 0.2575 hectare. • No of sanitay landfill site 1.Area of land currently used for waste disposal sent to SWM plant Shimla • Number of sanitary

	<p>processed at land 6 ton/tpd.</p> <ul style="list-style-type: none"> • Door to Door Collection of solid waste in 9 wards. No. of households covered 3500.No. of non-residential premises including commercial • Establishments etc covered 2000 nos. Residential and non-residential premises covered in d2d collection through : Motorized vehicle 100%, Other device wheel barrow. • Frequency of street sweepings and percentage of population Covered on daily 60%. Alternate days 30% and twice a week 10%. • Tools used Manual sweeping 100%. Yes long handle broom used by sanitation workers. 	<p>throw solid waste on the</p> <ul style="list-style-type: none"> • Streets 5% of non-residential premises dispose of throw solid waste on the streets is 2%. • 25% of premises segregating the waste at source. 	<p>(small) 25 (dumper).</p> <ul style="list-style-type: none"> • lifting of solid waste from storage depots is 100% mechanical. 	<p>technology used SWM plant Shimla.</p>		<p>landfill site available with local body 2.75 square kms. area of as such site available for waste disposal is 3.</p> <ul style="list-style-type: none"> • Distance from city /town 4.5 km. Distance from habitation 3 km. Distance form habitation 1 km • Distance from water body 5 kms. Distance from national highway 2 m. • Yes Lighting facility is available on site. • Vehicles and equipments used at landfill (specify) Bulldozer, Compacters
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						available & JCB on rent. • Yes covering is done on daily basis & gas ventilating provided
M.C Baddi	<ul style="list-style-type: none"> • Population 29911. • Area 7.02. Number of households in the city/town 2352. No. of non-residential 2530. Number of election/administrative wards in the city in 9. • Quantity of solid waste generated in the local body area 30-35tpd. • Quantity of solid waste collected 20-30 mt. Per capita waste collected 85gm/day. • Quantity of solid waste disposed at landfill 8-10 metric ton. • Door to Door Collection of solid waste 100% in 15wards. No. of households covered 8352. No. of non-residential premises including commercial 35%, hotels, 	<ul style="list-style-type: none"> • 25% of households practice storage of waste at source in domestic bins. • 10% of non-residential premises practice storage of waste at source in commercial /institutional bins. • 25% of households dispose of throw solid waste on the streets. 5% of non-residential premises dispose of throw solid waste on the streets. 	<ul style="list-style-type: none"> • Waste Storage depots:- 2 -5 meter cube bins = 55 bins • Total volumes of bin places 55 and total storage capacity 55 bins. • Lifting of solid waste from storage depots is mechanical 100 %. 	<ul style="list-style-type: none"> • Waste transported through dumper placer and hyva. 8 tractors 2 trips per day, 1 hyva 2 trips per day. dumper placer 2 nos. 9 trips each dumper per day. • Frequency of transportation of waste on daily basis. • Quantity of waste transported each day 25-30 MT per day. • 100 % waste transported daily. • Quantity of waste processed daily 20-25 metric ton per/day. 	<ul style="list-style-type: none"> • 25-30 mtpd quantity of waste processed daily. treatment done by agency Mars Envirotech Limited. • Land available 6.8 hectare with the local body. 	<ul style="list-style-type: none"> • Land available 6.8 hectare in cluster mode. Land currently utilized 1 hect.. • One number of dumpsite and sanitary landfill available with local body. • Distance of site from city 2 km .Distance from habitation 1km. Distance from national highway 3km. distance from airport 50km. • Quantity of waste

	<p>restaurants educational institutions/ offices etc covered 2130 nos.</p> <ul style="list-style-type: none"> 65% of residential and non-residential premises covered in door to door collection through : Motorized vehicle 25% Other device 25%. Sweeping 100%. Frequency of street sweepings and percentage of population covered on daily 100%. Alternate days 30% and twice a week 10%. Tools used- Manual sweeping 100%. Yes long handle broom used by sanitation workers. Collection tools - Waste storage container utilize. 	<ul style="list-style-type: none"> 10 % of non-residential premises disposed or throw solid waste on the street. 				<p>landfill each day 1-2 metric ton.</p> <ul style="list-style-type: none"> Yes the landfill site is fence dyes, it falls in flood prone area and in earthquake fault line area. Vehicles and equipments used at landfill pokelane and jcb.
NP Arki	<ul style="list-style-type: none"> Population 3038. Area 1.45 sq km in 7 wards. Quantity of solid waste generated in the local body area 1 tpd/day. Quantity of solid waste collected 0.89 tpd. Quantity of solid waste disposed at landfill 	<ul style="list-style-type: none"> 80% of households practice storage of waste at source in domestic bins. 90% of non-residential premises practice storage 	<ul style="list-style-type: none"> Waste Storage depots- 8 nos. 55 bins. 	<ul style="list-style-type: none"> Waste transported through tipping truck. Frequency of transportation of waste daily basis. Quantity of waste transported each day 0.9/day. 	<ul style="list-style-type: none"> Land available 2 hectare with the local body. Vehicles and equipments used at landfill (specify), jcb. 	<ul style="list-style-type: none"> Land available with 2 hectare in cluster mode. land currently utilized waste processing 450 m². distance from city/town 3.5

	<p>/dumpsite 8-10 metric ton.</p> <ul style="list-style-type: none"> • Door to Door Collection of solid waste 7 wards. No. of households covered 535.No. of non-residential premises including commercial 135% establishments ,hotels, restaurants educational institutions/ offices etc covered 2130 nos. • Percentage of residential 65%and non-residential premises covered in door to door collection through : Motorized vehicle 10%. Sweeping 100% • Frequency of street sweepings and percentage of population covered on daily 100%. Alternate days 30% and twice a week 10%. • Tools used- Manual sweeping 100%. Yes long handle broom used by sanitation workers. • Collection tools- Yes waste 	<p>of waste at source in commercial /institutional bins.</p> <ul style="list-style-type: none"> • 10% of households dispose of throw solid waste on the Streets. • 4% of non-residential premises dispose of throw solid waste on the streets. 		<ul style="list-style-type: none"> • 90 % waste transported daily. • Quantity of waste processed daily 20-25 metric ton per/day. 		<p>km .</p> <ul style="list-style-type: none"> Distance from habitation 500m. Distance from water body 100 ms. Distance from national highway 5km. distance from airport 50km. • Yes the landfill site is fence dyes. • 0.9 tone of waste land filled each day.
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	storage container utilize.					
M.C NAHAN	<ul style="list-style-type: none"> Population 39014. Area 11.27.Number of households in the city/town 10036. Number of non-residential premises in the city 1276. election/administrative wards in the city/town 13 wards. Quantity of solid waste generated 6.5 -7.5 per/day. Quantity of solid waste collected 6.5tpd.per capital waste collected per year 64000 gm/pay. 6 tons per/day solid waste processed and disposed at dumpsite /landfill. Quantity of solid waste disposed at landfill / dumpsite 6tons/day. Door to Door Collection of solid waste 13 wards. No. of households covered 90. No. of non-residential premises including commercial-1370, Institutions covered 	<ul style="list-style-type: none"> 60% 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. 0.1% of households dispose of or throw solid waste on the Streets. 1% of solid waste stored at segregated form and 25% of waste segregating at source. 	<ul style="list-style-type: none"> Waste Storage depots covered metals/plastics containers. 2 - 2.5 bins 10 no. Total storage capacity 297 cubic meter & 5 ton tpd. Frequency of bins daily 10 bins. Alternate day 5 bins. Storage depots have facility for storage of segregated Waste in bins green-15, blue-15. Lifting of solid waste from storage depots is manual 25% or Mechanical 75 %. 	<ul style="list-style-type: none"> Waste transported through 2 tipping truck. Dumpers placer 15. Frequency of transportation of waste daily 85 %. Quantity of waste transported each day 6.5-7 per/day. 95 % waste transported daily. 	<ul style="list-style-type: none"> 6.5 tpd quantity of waste processed daily. 	<ul style="list-style-type: none"> land currently utilized 2.5bigga. 2.5 bigga area available for waste disposal. Distance from city/town 5 km . Distance from habitation 4 km. Distance from water body 5 km. Distance from national highway 50 m. Quantity of waste landfill 2.5 tons /day . Yes the landfill site is fence dyes. landfill site is fenced and lighting facility is available

	<p>2130 nos.</p> <ul style="list-style-type: none"> 65 % of residential non-residential premises covered in d2d collection through Motorized vehicle 80% .Handcraft /tricycle 20%. Frequency of street sweepings and percentage of population covered on daily 90%. Alternate days 10%. Tools used- Manual sweeping 100%. Yes long handle broom used by sanitation workers and collection synchronized with collection /waste storage containers utilized. 					on site.
PAONTA SAHIB	<ul style="list-style-type: none"> Population 25183. Area 6.2 sq km. Number of households in the city/town 6042. Nos. of election/administrative wards in the city/town 13. Quantity of solid waste generated and collected 	<ul style="list-style-type: none"> households practice storage of waste at source in domestic bins. Non-residential premises practice storage of 	<ul style="list-style-type: none"> Open waste storage sites:- Masonry bins 170.Covered metal/plastic containers 125. Up to 1.1 m3 bins 45. Total volume 	<ul style="list-style-type: none"> Waste transported through tractor/dumper placers. Frequency of transportation of waste daily 153. alternate 13. twice a week 4 . Quantity of 	<ul style="list-style-type: none"> 6 nos. of slums are identified, 12 number of small bins and 7 numbers of big bins provided for Solid Waste Management acilities. 	<ul style="list-style-type: none"> No sites available.

	<p>in the local body area 8.65 tpd.</p> <ul style="list-style-type: none"> • Per capita waste collected 7.26day /gm/day. • Quantity of solid waste disposed at landfill /dumpsite 7.26 metric ton. • Door to Door Collection of solid waste is being done in the city and 2544 wards covered. • No. of households covered 620. • No. of non-residential premises including commercial & institutions 1480 nos. • Frequency of street sweepings and percentage of population covered on daily 90%. Alternate days 8% and twice a week 2%. • Tools used- Manual sweeping. 	<p>waste at source in commercial /institutional bins.</p> <ul style="list-style-type: none"> • households dispose of throw solid waste on the Streets. • non-residential premises dispose of throw solid waste on the streets. • long handle broom used by sanitation workers. • sanitation worker is given handcart/tricycle for collection of waste. • Yes handcart / tricycle is containerized. 	<p>of bins placed 329.38.</p> <ul style="list-style-type: none"> • Frequency of collection of waste from the depots daily 153. Alternate daily 13. Twice a week 4. • Storage depots have facility for storage of segregated waste in green bins. • Lifting of solid waste from storage depots is manual 65%. 35 % of Mechanical Lifting. • Yes solid waste is lifted from door to door and transported to treatment plant directly in a segregated form. 	<p>waste transported each day 8.65tpd</p> <ul style="list-style-type: none"> • 90 % total waste transported daily 		
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RAJGARH	<ul style="list-style-type: none"> • Population 3083 • Area in sq. kilometers 2.013. • Number of households in the city/town 928. • Number of election/administrative wards in the city in 7. • Quantity of solid waste generated in the local body area 0.05tpd. • Quantity of solid waste collected 0.40 tpd. Per capita waste collected 130 gm/day. • Quantity of solid waste disposed at landfill 0.40 tpd. • Yes Door to Door Collection of solid waste in 1 to 4 wards and partially in ward no. 5 & 6. • 482 No. of households covered .650 nos. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions covered. • Percentage of 	<ul style="list-style-type: none"> • 60 Percentage of households practice storage of waste at source in domestic bins • 50% household and non-residential premises practice stored of waste at source in commercial. 15% of household dispose or throw solid waste on the street . •20% of non-residential premises dispose of throw solid waste on the streets. 	<ul style="list-style-type: none"> • Storage depots 25 number 1.0 m³ each & 15 nos 0.42 m³ each used. • Frequency of collection of waste from the depots daily from 30 nos bins .Alternate day 10 nos. • Lifting of solid waste from storage depots is manual 100% . 	<ul style="list-style-type: none"> •Waste transported through 01 no tipping truck . •Frequency of transportation of waste Daily 65%, alternate day 35% • 65% of total waste transported daily. 	<ul style="list-style-type: none"> • 1 no of slums are identified • Waste treatment technology used composting • Quantity waste processd 20%. Treatment done by local body. • 450 square metre land available for waste processings. • Processing at site by safai karamchahri. 	<ul style="list-style-type: none"> • Solid waste transported to SWM plant Solan. • Area of land currently used for waste disposal 1 bigga. • Distance from city 02km. Distance form habitation 1 km .Distance from water body 1 kms. Distance from national highway 0.05m. • quantity of wasyte landfill 0.79 tpd.
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	<p>residential and non-residential premises covered in d2d collection through : Containerized tricycle/handcart 100%. 6.0 Km length of road, streets, lanes in the city</p> <ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population covered daily 80%, alternate days 10% and twice a week 10%. • Tools used Manual sweeping 100% long handle broom used by sanitation workers The collection tool synchronizes with collection/ waste storage containers utilized. 					
Bilaspur	<ul style="list-style-type: none"> • Population 13651. Area 10.68 sq km . Number of households in the 3334 city/town , Number of non-residential premises in the city 1050. Number of election/ administrative wards in the city/town 11. • Estimated Quantity of solid waste generated in the local body area 	<ul style="list-style-type: none"> • 90% Percentage of households practice storage of waste at source in domestic bins 100 %Percentage of non-residential premises practice storage of waste at source in commercial 	Waste Storage depots and door to door garbage collection .	<ul style="list-style-type: none"> • Waste transported 5 qtl. through 2 tipping trucks and 1 dumper placers . compactors . jeep 10 numbers. • frequency of transportation of waste . daily 90.% basis. Alternate 5 	<ul style="list-style-type: none"> • 4.5tpd quantity of waste land filled daily. 	<ul style="list-style-type: none"> • 1 Number of dumpsite available with local body. Area of each such site for waste disposal 50sqm. Area of land currently used for waste disposal

	<p>4.5tpd per day in metric tones/tpd Quantity of solid waste collected 4 tpd. Per capita waste collected 270gm/day.</p> <ul style="list-style-type: none"> • Door to Door Collection of solid waste 11 wards. No. of households covered 3250. • No. of non-residential premises including commercial 990 establishments, hotels, restaurants educational institutions offices etc covered 2130 nos. • Percentage of residential and non-residential premises covered in door to door collection through :Motorized vehicle 90%. • Frequency of street sweepings and percentage of population Covered on daily 65%. Alternate days 25% and twice a week 5% occasionally 5 %.Tools used Mechanical sweeping 100% long handle broom handcraft/tricycle are used by sanitation 	<p>/institutional bins. Percentage of households dispose of throw solid waste on the streets 10% . Percentage of non-residential premises dispose of throw solid waste on the streets. 10%.</p>		<p>%. Twice a week 5 %.</p> <ul style="list-style-type: none"> • quantity of waste transported each day 4.5tpd. 90 % waste transported daily. 		<p>50.00sq m. distance from city/town3.5k m km .Distance from habitation 0.500km. Distance from water body 0.100km. Distance from national highway 1km. 4.5tpd quantity of waste landfilled each day.</p>
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	workers.					
Shri Naina devi jii	<ul style="list-style-type: none"> Population 1204. Area 0.92 sq km . Number of households in the 323 city/town ,Number of non-residential premises in the city 303 Number of election/ administrative wards in the city/town 7. Estimated Quantity of solid waste generated in the local body area per day 1 metric tones/tpd. Quantity of solid waste collected 1 MT. Per capita waste collected 500 gm/day. Tool Used:- Manuals sweeping 100%. Long handled broom used and handcart/tricycle is provided to workers. 	--	<ul style="list-style-type: none"> Waste Storage depots in city/town 2 Nos of open waste storage site. 48 nos of covered metal plastic containers. Ward wise details of waste storage depots (attach) Ward No:1 to 7 Area:0.92 sqkm Population:1204 No. of bins placed: 48 Total volume of bins placed 34 Cu. M Total storage capacity of waste storage facilities 34 cubic meters Total waste actually stored at the waste storage depots daily 10 Cu.M Frequency of collection of waste from the 	<ul style="list-style-type: none"> Waste transported 1 trip through 1 no of tipping truck. Frequency of transportation of waste . daily 90% Alternate 10 %. Quantity of waste transported each day 0.9tpd. 	2.5 land available with the local body for waste processing. Pit composting facility is under construction.	<ul style="list-style-type: none"> 2.5 land available with the local body for waste processing. 2 no of dumpsite available with the local body.180 sq m area of each site available for waste disposal of dumpsite. Distance from city/town 0.300 km. distance from habitation 0.100km. distance from water body 2.5km. distance from national highway 5.0km. distance from airport 100 km.

			depots -Daily 25 nos			
Ghumarwin	<ul style="list-style-type: none"> Population 7899 Area in sq. kilometers 6.02 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 2.25 MT. Quantity of solid waste collected per day 2.25/tpd 7 Number of wards covered in D2D collection of waste. 850 No. of non-residential premises including commercial establishments, hotels, restaurants educational institutions offices etc covered. Containerized tricycle/handcraft 20% 	<ul style="list-style-type: none"> Frequency of street sweeping and % of population covered Daily 70%, alternate day 20% twice a week 10 %. 	The city is dustbin free.	<ul style="list-style-type: none"> Waste transported through 1 no if tractor, tipper and three wheeler 2 nos. 	--	Solid waste disposal facility :- JCB is provided at landfill site. Landfill is covered on alternative days and the material is used is soil.
NP Talai	<ul style="list-style-type: none"> Population 2372. Area in sq. kilometers 2.89 Number of households in the city/town 520 	--	<ul style="list-style-type: none"> Solid waste is stored at source 100% Percentage of 	<ul style="list-style-type: none"> Waste transportation per day through 1 private tractor and 	<ul style="list-style-type: none"> Waste treatment technology used landfill used . Private JCB 	<ul style="list-style-type: none"> Land availability is 0.289 hectare .Solid waste

	<p>Number of non-residential premises in the city . Number of election/ administrative wards in the city/town 7.</p> <ul style="list-style-type: none"> Quantity of solid waste generated in the local body area 1 MT Quantity of solid waste collected per day 0.9MT. per capital waste collected per day 280/gm/day. Door to Door Collection of solid waste partially in wards 4 and 6 . 20 km of roads street lanes in the city. Frequency of street sweeping daily 70 % . Alternate 15 % . twice a week 10 % . S occasionally 5% . Tools used : 100 % Manual sweeping long handle broom used by sanitation workers. 		<p>households practice storage of waste at source in</p> <ul style="list-style-type: none"> domestic bins. 	<p>1 number of tipping truck</p> <ul style="list-style-type: none"> Frequency of transportation of waste daily 90 % and alternate 10 % . waste transported each day 0.90 ton 	<p>used in land fill bulldozer, compacters</p> <ul style="list-style-type: none"> soil is used a covering the landfill. 	<p>disposed at dump site 0.9 MT/D.</p> <ul style="list-style-type: none"> Land currently used by local body 5000 sq feet. Distance from city 1 km . from habitation .500 km . from water body .1 km .
M.C Mandi	<ul style="list-style-type: none"> Population 26500. Area in sq. kilometers 4.26. Number of households in the city/town, 5012. No of non-residential 3057 	<ul style="list-style-type: none"> Waste segregated No. of green bins: 8000. No. of blue bins: 8000 	<ul style="list-style-type: none"> Total waste actually stored at the waste storage depots 30. Lifting of 	<ul style="list-style-type: none"> Waste transportation per day through 1 tractors, 1 tipping trucks, 1 dupers placers, 1 refuse 	<ul style="list-style-type: none"> Waste treatment technology used compositing Solid waste processed partially. 	<ul style="list-style-type: none"> Site available for waste disposal 0.538 hectare. Distance from city 6km.

	<p>Number of election/administrative wards in the city in 13.</p> <ul style="list-style-type: none"> Quantity of solid waste generated in the local body area 30 MT/day. Quantity of solid waste collected 25 tpd Per capita waste collected 0.345gmt/year. Door to Door Collection of solid waste in 13 wards. No. of households covered 5012. No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered 3057. 100 % residential and non-residential premises covered in door to door collection Frequency of street 100% daily <ul style="list-style-type: none"> Tools used <p>Manual sweeping-100% Long handle broom used by sanitation workers Each sanitation worker is given handcart/tricycle for Collection of waste. The collection tool</p>		<p>solid waste from storage depots is Mechanical</p>	<p>collectors, others 11 , 1 JCB loaders.</p> <ul style="list-style-type: none"> Frequency of transportation of waste daily. Quantity of waste transported 25 tpd. 100 % total waste transported daily . 	<ul style="list-style-type: none"> Soil is used for covering. 	<p>Distance form habitation 1.2 km Distance from water body 0.500 km .Distance from national highway 200 km distance from airport 50 km</p> <ul style="list-style-type: none"> Quantity of waste land filled each day tpd. landfill site is fenced .
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	synchronizes with collection/ waste storage containers utilized.					
SunderNagar	<ul style="list-style-type: none"> Population 24344. Area in sq. kilometers 12.069. 6698 Number of households in the city/town 13 Number of election/administrative wards in the city/town. Estimated Quantity of solid waste generated in the local body area per day in metric tones 12/tpd. Quantity of solid waste collected per day 9/tpd. Per capita waste collected per day 350/gm/day Door to door collection (D2D) of solid waste is being done in the city/town 13 Number of wards covered in D2D collection of waste. 6698 No. of households covered, 102 No. of non-residential premises including commercial establishments ,hotels, restaurants educational 	<ul style="list-style-type: none"> Segregation at source is not done. 	<ul style="list-style-type: none"> Underground Dustbins for storage. Solid waste is lifted from door to door and transported to treatment plant directly. 	<ul style="list-style-type: none"> Trip made for Waste transportation through 7 tractor, 4 compactators and sideboos trucks to underground dustbin. Quantity of waste transported each day 9 ton and 75% of total waste transported daily. 	<ul style="list-style-type: none"> Quantity of solid waste processed 6/tpd 	<ul style="list-style-type: none"> Land is available with the local body with processing and waste processing facility in operation. . 24 ton plastic waste supplied to cement plant. one number of dumpsite available. 4 bigga of area available and currently used for waste disposal. Distance from city 2 km. Distance from habitation 0.5 km .Distance from national highway 0.5km distance from airport 50 km .Lighting facility is

	<p>institutions/ offices etc covered</p> <p>Percentage of residential and non-residential premises covered in door to door collection through :</p> <p>Motorized vehicle-100%</p> <p>Sweeping of streets-yes</p> <p>Length of roads, streets, lanes, bye-lanes in the city t Km 23725 kuchha road & 1950 Pucca road.</p> <p>100% Manual sweeping long handle broom used by sanitation workers</p> <p>each sanitation worker is given handcart/tricycle for collection of waste.</p>					available on site .
M.C Nerchowk	<ul style="list-style-type: none"> • Population 16305. Area in sq. kilometers 14.84. Number of households in the city/town , 5000. Number of election/ administrative wards in the city in 11. • Estimated Quantity of solid waste generated in the local body area 10tpd. • Quantity of solid waste collected 7per day /tpd • Per capita waste collected 350 gm/day • Door to Door 	<ul style="list-style-type: none"> • Solid Waste segregation of waste at source has been started in all wards and awareness is been conducted 	<ul style="list-style-type: none"> • Storage through covered metals/ Plastic Containers -6 	<ul style="list-style-type: none"> • Waste transported through 2 tractors . • Frequency of transportation of waste Daily 100%, Quantity of waste transported each day 7 tpd. 	--	<ul style="list-style-type: none"> • Waste is currently transported to M.C Mandi site .

	<p>Collection of solid waste in 11wards and No. of households covered. 5000</p> <ul style="list-style-type: none"> No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions 600 Non-residential premises covered in door to door collection through : Containerized: motorized vechile 100%. Frequency of street sweepings 100% daily by Manual sweeping 100% Tools used. Long handle broom used by sanitation workers.The collection tool synchronizes with collection/ waste storage containers utilized. 					
N.P Sarkhaghat	<ul style="list-style-type: none"> Population 5433 Number of households in the city/town, 1184. Number of election /administrative in 7 wards in the city and 	<ul style="list-style-type: none"> 95% household and non-residential premises practice stored of waste at source in 	<ul style="list-style-type: none"> Waste Storage depots in the city –Bin less city . Waste is stored in 	<ul style="list-style-type: none"> Waste transported through 2-3 non tipping truck . 	<p>Waste treatment technology used : dumping .</p>	<ul style="list-style-type: none"> Land available 2 bigga. with the local body for waste processing. Distance

	<p>town.</p> <ul style="list-style-type: none"> Quantity of solid waste generated in the local body area 2 tpd. Per capita waste collected 1.5gm/day. Door to Door Collection of solid waste in all 7 wards. Door to door collection through : <ul style="list-style-type: none"> Containerized and other devices 50 % . . Manual sweeping 100% Long handle broom used by sanitation workers 	<p>commercial.</p> <ul style="list-style-type: none"> No solid waste is segregated at source. 	<p>gunny bags at selected location away from habitation in every wards till the arrival of vehicle.</p>			<p>from city 2 km .disatnce from habitation 0.5 .Distance from water body 0.5 kms. Distance from state/national highway adjunct.</p> <ul style="list-style-type: none"> Quantity of waste landfill each day 1.5 tpd.
N.P Jogindenaga r	<ul style="list-style-type: none"> Population 5337. Area in sq. kilometers 4.83. Number of households in the city/town , 1268. No of non-residential nil Number of election/administrative wards in the city in 7. Estimated Quantity of solid waste generated 1ton per day Quantity of solid waste collected per day 1tpd. Per capita waste collected 10 gm/day 	--	<ul style="list-style-type: none"> Storage depots : Up to 1.1 m³ bins 12 nos. 	<ul style="list-style-type: none"> Waste transported through 01 no tipping truck . Frequency of transportation of waste Daily 90%, in all wards. 	--	<ul style="list-style-type: none"> Land available with the local body 8.16 bigghas. Distance from city 10 km. Distance from state/national highway 500m . Landfill is covered and soil is used as covering

	<ul style="list-style-type: none"> • Door to Door Collection of solid waste in 4 wards. 200 No. of households covered . • % of residential and non-residential premises covered in door to door collection through : Motorized vehicle- 20% • Containerized tricycle /handcart 17% • 5.0 Km length of road, streets, lanes in the city Frequency of street sweepings 100% , daily- • Tools used • Manual sweeping- 100% • Long handle broom used by sanitation workers • The collection tool synchronizes with collection/ waste 					material.
N.P Rewalsar	<ul style="list-style-type: none"> • Population 1821. 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 	<ul style="list-style-type: none"> • Segregation of waste at source has been started in all wards and awareness is being conducted. 	<ul style="list-style-type: none"> •Secondary waste storage facilities covered metals /plastics containers 11.no and types of waste storage in the city upto 1.1 metre cube. And 	<ul style="list-style-type: none"> • Waste is transported through 2 tractors frequency of transportation waste daily 100% . 	--	<ul style="list-style-type: none"> • No Land available.Garb age collected by street sweeping has been transported to MC Mandi dumpsite.

	<p>solid waste generated 1 ton per day /tpd. Quantity of solid waste collected per day 0.80 tpd. Per capita waste collected 350 gm/day</p> <ul style="list-style-type: none"> • Door to Door Collection and. 7 nos. of wards, 500 nos of household and 436 non-residential premises including commercial establishment, hotels, restaurant, educational institutions/office etc. covered. • Percent of residential and non-residential premises covered in door to door collection through : Motorized vehicle-100% • 7.0 Km length of road, streets, lanes in the city Frequency of street sweepings and percentage of population covered Daily 100%. Manual sweeping 100% • Tools used • long handle broom used by sanitation workers • the collection tool synchronizes with 		<p>2 to 5 metre cube in 24 bins.</p>			
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	collection/ waste					
N.P Karsog	<ul style="list-style-type: none"> Population 3208.. Number of households in the city/town 850. No of non-residential 300 Number of election/ administrative wards in the city in 5/7. 8 Km length of road, streets, lanes in the city 	Not being segregated.	---nil---	-----nil-----	Not being processed	---nil---

Kullu	<ul style="list-style-type: none"> Population 18536. Area 6.68 sq km . Number of households in the 10760 city/town. Number of non-residential premises in the city 1240. Number of election/administrative wards in the city/town 11. Estimated Quantity of solid waste generated in the local body area per day 8-9/mtpd .Quantity of solid waste collected 8-9 /MTpd. 8-9 mt/day, Waste received from Kullu town , 2-3 mt/day from bhunter ,0.5 ton metric from Badah village and bhunti colony. Tool Used:- Manuals sweeping 100%. Long handled broom used and handcart/tricycle is provided to workers. Door to Door Collection of solid waste in 11 wards. No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/offices etc covered 1240 nos. 	--	<ul style="list-style-type: none"> Cement concrete cylinder bins and Covered metal/plastic containers used . No. of bins placed: 11. Number of bins cleared 11 bins daily. Lifting of solid waste from storage depots 100% manually. 	<ul style="list-style-type: none"> Waste transported 2-3 trip/day through jeep and four wheelers . Frequency of transportation of waste daily. 99 % waste transported daily. 	<ul style="list-style-type: none"> Waste treatment by bacterial decomposing technology. Composting, 10 -12 mt/day 8053kg final product 9505 kg sold.4-5 mtd residual of waste. landfilled Vehicles and equipments used at landfill compost making machines available. 	<ul style="list-style-type: none"> Solid waste disposed at dumping site /landfill 4-5/ MT. land available with the local body 25 bigga. waste processing. Distance from city 5 km .disatnce from habitation1.Distance from water body 30 m. Distance from state/national highway 500m. yes falls in flood prone area, falls in earthquake fault line area ,landfill site is fenced .
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	<p>Motorized vehicle 30%.handcraft/tricycle 60%.Other devices 10%. Length of roads 10.581 km streets 13.738. drains 24.319 km.</p> <ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population. Covered on daily 100%. 					
MC Manali	<ul style="list-style-type: none"> • Population 8095. Area 3.5sq km . Number of households in the 2102. • Estimated Quantity of solid waste generated in the local body area per day 35 tpd .Quantity of solid waste collected 35tpd. per capital waste collected 450 gm/day. • Tool Used:- Manuals sweeping 100%. Long handled broom used and handcart/tricycle is provided to workers. • Door to Door Collection of solid waste is being done in the city up to from 2004-2005 • Percentage of residential and non-residential premises covered in <ul style="list-style-type: none"> • door to door collection 	--	<ul style="list-style-type: none"> • Waste Storage depots in the city/town massonary bins 5 in number and capacity 25 m³ upto 1.1 mc bins 4 numbers. • Number of bins cleared 9 bins daily. Lifting of solid waste from storage depots 100% manually. 	<ul style="list-style-type: none"> • Waste transported per day through 2 nos. of dumper place 1 trip, 1 no of JCB 1 trip and four wheeler 10 nos. 14 trips. y. 	<ul style="list-style-type: none"> • Waste treatment used Pit composting. 22 tpd waste processed daily. • Adopted Waste to energy plant technology work in progress. • Composting , 1186.49 Qnt. waste received. 1186.49 qtl sold. 	<ul style="list-style-type: none"> • Solid waste disposed at dumping site /landfill 17 MT. • land available with the local body 0.75 hect and currently utilized for waste processing. • 0.50 hect. Area available for current use and disposal. • Distance from city 3 km .distance from habitation1km.Distance from water body 0.25 kms. Site is near from state/national highway. yes falls in flood prone area, falls in earthquake fault line area, lighting facilit

	<p>through :</p> <ul style="list-style-type: none"> Motorized vehicle 80%.handcraft/tricycle and containerized 20%. . Length of roads 16 km Frequency of street sweepings and percentage of population. Covered on daily 100%. Tools used: 					
NP Bhunter	<ul style="list-style-type: none"> Population 4833. Area 4.505 sq km . Number of households in the 1069. Non-residential area 400 election/administrative wards 7. Estimated Quantity of solid waste generated in the local body area per day 2.60 mtpd .Quantity of solid waste collected 2.60 mtpd. Door to Door Collection of solid waste is being done in the city all 7 wards are covered under D2D. Percentage of residential and non- 	--	<ul style="list-style-type: none"> Cement concrete cylinder bins. Covered metals container used. 12 Nos. of bins placed.0.5 ton waste stored at the storage depots. Lifting of solid waste from storage depots 100% manually. 	<ul style="list-style-type: none"> Waste transported per day through 1 nos. of tractor and 2 four wheeler. 99 % of waste transported daily. 	<ul style="list-style-type: none"> Bacterial Decomposing pit technology is used. Composting 2.60 mtpd send to MC dumping site Kullu at Pirdi. Equipment used at landfill site – Compost making machines available. Adequate covering material is available. 	<ul style="list-style-type: none"> Solid waste disposed at dumping site /landfill 1 mtpd land available with the local body 25 bighas. and currently utilized for waste processing. Distance from city 6 km .distance from habitation1km.Distance from water body 0.30 kms..500 kms. from national highway. Yes falls in flood prone area, falls in earthquake fault line area, landfill is fenced

	<p>residential premises covered in door to door collection through :</p> <ul style="list-style-type: none"> • Motorized vehicle 30%.handcraft/tricycle and containerized 50% and others 20 %. • Frequency of street sweepings and 100 % of population Covered on daily basis. • Tools used: • Manual sweeping 100%. The collection tool synchronizes with collection/waste storage container utilized RCC bins. 					
NP Banjar	<ul style="list-style-type: none"> • Population 1414. Area 2.200sq km . Number of households in the 617. Non-residential area 120 election/administrative wards 7. • Estimated Quantity of solid waste generated in the local body area per day 0.52 tpd .Quantity of solid waste collected 0.52.tpd. Per capital waste collected 1 kg/day. /landfill 48.5 kg. • Door to Door 90% D2D Collection of solid waste is being done in the city in all 7 wards. 617 nos. of households are covered 	<p>Storage depots have facility for storage of segregated waste in- Green bins- 22-30.Blue bin -20</p>	<ul style="list-style-type: none"> • Waste Storage depots in the city/town –open waste storage sites, covered metals/plastic container and up to 1.1 m³ bins are used as second waste storage facility. Bin population ratio is 50%. • Frequency of collection of waste from the depots.Number of bins cleared 30bins 	<p>Waste transported per day through by 1 jeep, 1 Compactor. frequency 90% daily.</p>	<ul style="list-style-type: none"> • Solid Waste Management facilities. • Quantity of solid waste processed 15 Kg. No treatment plant landfill is available. Plastic transported to P.W.D • Equipment used at landfill site Bulldozer , compacters and JCB. • Soil is used as 	<ul style="list-style-type: none"> • Solid waste disposed at dumping site land available with the local body 5 viswa And 1 number of dumpsite.. and currently utilized for waste processing. • Waste processing facility is in operation. • Distance from city 1 km .distance from habitation 1km.Distance from water body 1 kms..500 kms. from national highway .01

	<p>and 120 non-residential covered .</p> <ul style="list-style-type: none"> • Percentage of residential and non-residential premises covered in door to door collection through Containerized/ handcraft/tricycle and containerized 40%. • 5.50 km Length of roads, street, lanes in the city • Frequency of street sweepings and 90 % of population Covered on daily basis. <p>Tools used:</p> <ul style="list-style-type: none"> • Manual sweeping 90%. Yes handle broom and handcart/tricycle are provided to sanitary workers. 		daily.		covering material	kms quantity of waste landfill each day 500 kg. falls in flood prone area, falls in earthquake fault line area, landfill is fenced.
MC Una	<ul style="list-style-type: none"> • Population 18722. . Number of households in the 4226. • Estimated Quantity of solid waste generated in the local body area per day 6.0 mt/d .Quantity of solid waste collected 6.0 mt/d • Door to Door- D2D Collection of solid waste is being done in the city in all wards. 4226 nos. of households are covered. • Percentage of 	--	<ul style="list-style-type: none"> • Waste Storage depots in the city/town –open waste storage sites 30 nos., 15 nos. up to 1.1 m³ bins and 2 to 5 m³ bins are used as second waste storage facility. • Lifting of solid waste from storage depot is 100 % by manual. 	Waste transported	Solid Waste Management facilities.	<ul style="list-style-type: none"> • Land available with the local body for waste processing is 1 hect. 1 no of dumpsite is available • Distance from city 7 km. distance from habitation 5 km. Distance from water body 1 kms.7 kms. from national highway. • Falls in flood prone area and landfill facility is available.

	<p>residential and non-residential premises covered in door-to-door collection through Containerized / handcraft/tricycle and containerized 100%. Sweeping of street is done daily.</p> <ul style="list-style-type: none"> • Tools used: • Manual sweeping 100%. Yes all facilities are provided such as long handle broom, handcart/tricycle tool synchronizes etc. 					
MC Santokh garh	<ul style="list-style-type: none"> • Population 9363. Area 6.18 sq km . Number of households 2000. Non-residential area 606 and election/administrative wards 9. • Estimated Quantity of solid waste generated in the local body area per day 5.0 tpd .Quantity of solid waste collected 5.0 tpd. Per capital waste collected 250 gm/day. Yes • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 3 wards. 200 nos. of households are covered and 4 nos. of non-residential covered . 	<ul style="list-style-type: none"> • Segregation at dumpsite. 	<ul style="list-style-type: none"> • Waste Storage depots in the city/town – Yes open waste storage sites 10, dhalao /covered rooms/space-20 	<p>Waste transported Through 1 tractors , and 1 dumper placers. Quantity of waste transported each day 5.00tpd.</p>	<p>Solid Waste Management facilities. No treatment plant Equipment used at landfill site and JCB is available. Soil is used as covering material</p>	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumping site /landfill 5.0/tpd. • land available 1 number of dumpsite • Distance from city 1.50 km .distance from habitation 1.50km.Distance from water body0.50 kms..0.50 kms. from national highway. 110 km quantity of waste landfill each day 5.00 tpd. Yes landfill is fenced, bridge facility is available.

	<ul style="list-style-type: none"> • Percentage of residential and non-residential premises covered in door to door collection through 10% motorized vehicle. • 17 km Length of roads, street, lanes in the city. • Frequency of street sweepings and 80 % of population Covered on daily basis. <p>Tools used:</p> <ul style="list-style-type: none"> • Mechanical sweeping 100%. handle broom and handcart/tricycle are provided to sanitary workers. Tools used 					
N.P Daulatpur.	<ul style="list-style-type: none"> • Population 3763 . Area 5.083 sq km . Number of households in the 853 Non-residential area 660 election/administrative wards 7. • Estimated Quantity of solid waste generated in the local body area per day 2.90 tpd .Quantity of solid waste collected 2.90 tpd.. • Door to Door:- D2D Collection of solid waste is being done in the city in 2 wards. 250 nos. of households are covered and 660 nos. of non-residential covered . 12.20 	--	<ul style="list-style-type: none"> • Waste Storage depots in covered metals/plastic material 11 in numbers. No. of bins 50 	<p>Waste transported through 1 tractors, and 1 tipping truck. Frequency of transportation of waste daily.</p>	<p>Solid Waste Management facilities. 1 number of dumpsite available with the local body 1900 sqmetre area for waste disposal site Equipment used at landfill site bulldozer and compacters available . soil is used at covering material at disposal site.</p>	<ul style="list-style-type: none"> • Quantity of solid waste disposed at dumping site /landfill 2.90/t • 1 number of dumpsite Distance from city 3.0 km .distance from habitation 0.50km.

	<p>km Length of roads, street, lanes in the city</p> <p>Tools used:</p> <ul style="list-style-type: none"> Mechanical sweeping 90%. Yes handle broom and handcart/tricycle is containerized are provided to sanitary workers. 					
Gagret	<ul style="list-style-type: none"> Population 3850. Area 3.80 sq km . Number of households in the 888 . Non-residential area 545 and election/administrative wards 7. Estimated Quantity of solid waste generated in the local body area per day 3tpd.Quantity of solid waste collected 2.9 tpd.. Door to Door:- Yes D2D Collection of solid waste is being done in the city in 2 wards. 275 nos. of households are covered and 240 nos. of non-residential covered . sweeping of streets : yes 9.78km Length of roads, street, lanes in the city Frequency of street sweepings 70 % of population Covered on daily basis 30 % of alternate days.. Tools used: Mechanical sweeping 90%. Yes handle broom and handcart/tricycle is 	--	<ul style="list-style-type: none"> Waste Storage depots: covered metals/plastic containers 9 numbers. Nos. of bins placed 74 	<ul style="list-style-type: none"> Waste transported. Through 1 tractors , and 1 tipping truck. Frequency of transportation of waste 97%. 	<p>Solid Waste Management facilities. No treatment plant landfill is available.</p> <p>Equipment used at landfill site and JCB is available.</p> <p>Soil is used as covering material</p>	<p>land available 1 number of dumpsite and site available with the local body. 828km.. Distance from city 1.50 km .</p>

	containerized are provided to sanitary workers.					
N.P Mehatpur.	<ul style="list-style-type: none"> Population 9128. Area 3.80 sq km. Number of households in the city 2086.election/administrative wards 9. Estimated Quantity of solid waste generated in the local body area per day 4.5tpd .Quantity of solid waste collected 3.6 tpd. Per capita waste collected 390 gm/day.. Frequency of street sweepings of population Covered on daily basis 50% 25 % of alternate days. 15 % twice a week. 10% occasionally. <p>Tools used:</p> <ul style="list-style-type: none"> Manual 100%. Bin population ratio 250. 	--	--	Waste transported. Through 2 tippers per/day.	Solid Waste Management facilities. Dumping site is being shared with M.C SANTOKHGARH .	land available 1 number of dumpsite and site available with the local body. 828km. Distance from city 10 Km . .distance from habitation 2 km.Distance from water body 1 kms .1 kms. from national highway.
N.P Tahliwal.	<ul style="list-style-type: none"> Population 3565. Area 7.5km km. Number of households in the 965 .Number of non-residential area and 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 1.3 tpd. Per capital waste collected 365 gm/day. Quantity of 	--	--	<ul style="list-style-type: none"> Waste transported through tractor, tipper per day. 	Solid Waste Management facilities. No treatment plant landfill is available.	<ul style="list-style-type: none"> land available 0.423 hect. Land available with local body. The site is 1.5 km away from city/town. Distance from city 2 km .distance from habitation 1 km. Distance from water body 2 kms. Highway 0.8 Km

	<p>solid waste disposed at dumping site /landfill 1.3/tpd. Yes Door to Door:- Yes D2D Collection of solid waste is being done in the city in 7 wards. 200 nos. of households are covered and 350 nos. of non-residential covered.</p> <ul style="list-style-type: none"> • Percentage of residential and non-residential premises covered in door to door collection through containerized tricycle/handcraft 40%. 17 km Length of roads, street, lanes in the city . • Frequency of street sweepings and 20 % of population Covered on daily basis. And 40 % occasionally .Tools used: • Manual sweeping 100%. 					
Hamirpur	<ul style="list-style-type: none"> • Population 17604. Area 5.24 sq km . Number of households in the 4350 . Non-residential area 628 election/administrative wards 11. • Estimated Quantity of solid waste generated in the local body area per day 6 tpd .Quantity of solid waste collected 4.5 tpd. 	--	<ul style="list-style-type: none"> • Waste Storage depots: 83 numbers and waste storage capacity 330 m³ in the city/town. 29 numbers of waste storage depots under upto 1.1 m³ and 56 numbers are bin- 	<ul style="list-style-type: none"> • Waste transported. Through 30 hand pull carts, 1 tipping truck and 2 dumper placers, 1 other and 1 Auto, 1 van . 97%.Quantity of waste transported each day . 	<p>Solid Waste Management facilities. Composting technology is used and 0.5 quantity of waste processed daily. Details of technologies adopted composting-batteries .</p>	<p>land available 1 number of dumpsite available with the local body . 0.65 hectare Area of each such site available for waste disposal and 0.65 hectare. Distance from city 8 km.distance from habitation 1.0 km. Distance from water body</p>

	<p>Quantity of solid waste disposed at dumping site /landfill 4.5/tpd. Per capital waste collected per day 250 gm/day. 0.5 tpd solid waste processed and 3.0 tpd waste disposed at dumpsite / landfill.</p> <ul style="list-style-type: none"> • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 11 wards. 1907 nos. of households are covered and 628 nos. of non-residential covered. • Percentage of residential and non-residential premises covered in D2D collection through 25% Motorized vehicle, 57% containerized tricycle/handcart and 18% other device. • sweeping of streets : yes • 35km Length of roads, street, lanes in the city, that need to be cleaned. • Frequency of street sweepings and percentage of 		<p>free city.</p> <ul style="list-style-type: none"> • Bin/population ratio :300 • Lifting of SW from storage depots in 35% manual and 65% mechanical lifting with dumper. The method used dumper lifter. • Frequency of collection of waste from the depots 		<p>Equipment used at landfill site and JCB is available. Soil is used as covering material.</p>	<p>0.5 kms.1.75 kms. from national highway. 90 km from airport. quantity of waste landfill each day 2.5 tpd. Yes landfill is fenced, bridge facility is available.</p>
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	<p>population covered on daily basis 50 % of alternate day 10%, occasionally 10%.</p> <p>Tools used:</p> <ul style="list-style-type: none"> Mechanical sweeping 100%. Yes handle broom and handcart/tricycle is containerized are provided to sanitary workers. 					
M.C Sujanpur.	<ul style="list-style-type: none"> Population 7943. Area 3.03 sq km . Number of households in the 2238. Number of election/administrative 9. Estimated Quantity of solid waste generated in the local body area per day 1.5 /tpd .Quantity of solid waste collected 1/tpd. Quantity of solid waste disposed at dumping site /landfill 1/tpd. Per capital waste collected per day 250 gm/day. 0.5 tpd solid waste processed and 3.0 tpd waste disposed at dumpsite / landfill. 31.42 km Length of roads, street, lanes in the city, Tools used: Long handle broom and handcart/tricycle is 	--	<ul style="list-style-type: none"> 2 to 5 m³ bins of waste storage depots in the city/town. MC has ten garbage dustbins and one dustbin has placed in each ward one no in chougan(ground). And corned by MC dumper placer in rotation. Total storage capacity of waste in 15 cubic meters and 1 ton actually stored at the waste storage depots daily. 	<ul style="list-style-type: none"> Waste transported Through, 1 number of tractors and 1 number of dumper placers. Number of trips made 3. Frequency of transportation of waste daily. Quantity of waste transported each day 1 ton of total waste transported total waste transported daily. 	--	No dumping site available. Waste dumped at MC Hamirpur.

	containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized.					
N.P Nadaun	<ul style="list-style-type: none"> Population 4430. Area 2.250sq km. Number of households in the 850 Number of election/administrative 7 ward. Estimated Quantity of solid waste generated in the local body area per day 0.95.Quantity of solid waste collected 0.95 Per capital waste collected per day 250 gm/day. 0.5 tpd solid waste processed and 3.0 tpd waste disposed at dumpsite / landfill. Door to Door:- Yes D2D Collection of solid waste is being done in the city in 5 wards. of households are covered 550 and nos. of non-residential covered. Percentage of residential and non-residential premies covered in D2D collection personally collected by the sanitation staff 15 km Length of roads, street, lanes in the city, that 	Segregation done at dumpsites by Rag pickers.	<p>Waste Storage depots 2 to 5 m³ bins in the city/town.. Number of bins placed 7 total volume of bins placed 7.Total storage capacity of waste storage facilities in 120ft². And total waste actually stored at the waste storage depots daily 120 ft².</p> <p>Frequency of collection of waste from the depots Daily 7.whether lifting of solid waste from storage depots : 100 % of manual lifting.</p>	<ul style="list-style-type: none"> Waste transported. Through, 1 number of tractors and 3 trips made. 	--	<ul style="list-style-type: none"> Land available with the local body for waste processing in 0.0762 hectare. landfill method currently used for waste processing. Distance from city 3 km. Distance from water body 2 kms.

	<ul style="list-style-type: none"> • Frequency of street sweepings and percentage of population covered daily by 75 %,alternate days 5 % and twice a week 20% • Tools used: manual sweeping 100%. • Yes handle broom and handcart/tricycle is containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized. 					
N.P Bhota	<ul style="list-style-type: none"> • Population 1453. Area 1.06 sq km . Number of election/administrative 7 ward. 	--	--	--	--	Solid waste disposal facility 1 number of dumpsite disatnce of dumpsite from /landfill facility from city 500mtr distance from water body 500mtr.distance from national highway100 mtr. Distance from airport 150mtr.
M.C Dharam shala.	<ul style="list-style-type: none"> • Population 53543. Area 27.64 sq km. Number of households in the 12500. • Estimated Quantity of solid waste generated in the local body area per day 25 TPD.Quantity of solid waste collected 22 TPD. Per capital waste collected 	--	Storage facilities : 53 open storage sites. Upto 1.1 m ³ bins 205. 2 to 5 m ³ bins 15. Underground bins 105. No. of bins cleared daily -230 Alternate day 50	Transportation : Through 2 Tipping Truck, 5 Dumper Placer, 14, Jeep Auto, 4 JCB/Loader. Manual Lifting of Solid Waste -30% Mechanical Lifting 70 %.	Waste processed daily 2 MT by Composting.	1 No. of dumpsite available of 1.5 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. 20 MT waste is dumped

	<p>per day 250 gm/day.</p> <ul style="list-style-type: none"> • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 4 wards. 2200 Household covered. 2556 non-residential premise covered in D2D collection • 166 km Length of roads, street, lanes in the city, that • Frequency of street sweepings and percentage of population covered daily by 70 %,alternate days 30 % and twice a weak 10% • Tools used: Long handle broom and handcart/tricycle is provided is containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized. 		<p>Twice a week 25 Once a week 10</p>			<p>each day. Waste is covered by soil. Action Plan has been prepared</p>
MC Kangra	<ul style="list-style-type: none"> • Population 9528. Area 3.55sq km . Number of households in the 2250. Number of non-residential premises in the city 374. Number of election/administrative 9 ward. • Estimated Quantity of solid waste generated in the local body area per day 	--	<ul style="list-style-type: none"> • Waste Storage depots up to 1.1 m³ bins in 21. Above 5 m³ containers 3. • Frequency of collection of waste from the depots • Daily. • lifting of solid 	Waste transported. Through, jeep and Tipper.	Yes solid waste processed daily. 2tpd quantity of waste processed daily.0.192 hectare.1500sqkm land currently utilized for waste processing in hectare. compositing : raw material processed.	1 no of solid waste dumpsite available with the local body.1920 sqtr area for waste disposal sites. Distance from city 3 km. distance from habitation 1 km. distance from state/highway 3 km. distance from airport 12 km.

	<p>4.5tpd.Quantity of solid waste collected 3.5tpd .per capital waste collected 300gm/day. Door to Door:- D2D Collection of solid waste is being done in the city in 1-9 wards. No of households are covered 2000 and nos. of non-residential covered.</p> <ul style="list-style-type: none"> • Percentage of residential and non-residential premise covered in D2D collection motorized vehicle-Tipper, jeep, rehri, dumper placer.3.570 km Length of roads, street, lanes in the city, Frequency of street sweepings and percentage of population covered daily by 90 %,alternate days 10% . • Tools used: manual sweeping 100%. • Handle broom and handcart/tricycle is containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized. 		<p>waste from storage depots : 64 % of manual lifting.36% mechanical lifting.</p>		<p>Refuse derived fuel: 675 kg raw material processed. 2.75 tpd Co processing.</p>	
M.C Palampur.	<p>Population 3544. Area 0.7 sq area in. Number of households 850 in the city/town and number of</p>	--	<ul style="list-style-type: none"> • Waste Storage depots 1.1 m³ bins 15 numbers and 2 to 5 bins 20 	<ul style="list-style-type: none"> • Waste transportation per day through 1 number dumper 	<p>Yes solid waste processed daily.0.5 by composting.</p>	<p>1 no of solid waste dumpsite available with the local body.1920 sqtr area for waste disposal</p>

	<p>election/administrative 7 ward.</p> <ul style="list-style-type: none"> Estimated Quantity of solid waste generated in the local body area per day 1.5 mt .Quantity of solid waste collected 1.5 mt/d. Per capital waste collected per day 4.23 gm/day. 0.5 mt/d solid waste processed 12 km Length of roads, street, lanes in the city. <p>Frequency of street sweepings and percentage of population covered daily by 75 %, alternate days 10 % and 15% twice a week.</p> <ul style="list-style-type: none"> Tools used: manual sweeping 100%. Handle broom and handcart/tricycle is containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized. 		<p>numbers waste storage depots in the city/town.</p> <ul style="list-style-type: none"> 20 numbers of containers and 15 nos. of dustbins are provided. Total storage capacity of waste storage facility is 77.50 cm. Frequency of collection of waste from the depots -Daily. lifting of solid waste from storage depots : 50 % of manual lifting and 50% mechanical lifting. 	<p>placer and 1 number others.</p>		<p>sites. Distance from city 3 km. distance from habitation 1 km. distance from state/highway 3.5 km. distance from airport 45 km. Distance from water Body 1 Km</p>
MC Nurpur	<ul style="list-style-type: none"> Population 9807. Area 4.75 sq km area .Number of households 2160 in the city/town, 80 numbers of nonresidential premises in the city 	<p>Yes 80% premises segregating the waste at source.</p>	<ul style="list-style-type: none"> Waste Storage depots 1 no of open waste storage site capacity of 400m³, up to 1.1 m³ bins 35 	<ul style="list-style-type: none"> Waste transported. 4 trips of tractor and 10 trips of auto, 1 tractor and 2 three wheelers are used for waste 	<p>Solid Waste Management facilities.</p> <ul style="list-style-type: none"> Pits technology and soil filling is used. Solid waste is 	<ul style="list-style-type: none"> 3t solid waste processed and 3t waste disposed at dumpsite / landfill. Yes Land is available with the local body for waste

	<p>and 9 numbers of election/administrative wards.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 3tonne/day .Quantity of solid waste collected 3t. Per capital waste collected per day 250 gm/day. • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 9 wards, 2160 house hold and 730 non-residential area. • Residential and non-residential premises covered in D2D collection through Motorized vehicle 70%, containerized tricycle/handcart 20% and other device 5%. • 12.31 km Length of roads, street, lanes in the city, that need to be cleaned. Frequency of street sweepings and percentage of population covered daily by 70 %, alternate days 30 % • Tools used: manual: 		<p>numbers (Medium) and 5 numbers (Big) waste storage depots in the city/town.</p> <ul style="list-style-type: none"> • Actually waste stored at waste storage depots 70%. • Frequency of collection of waste from the depots Daily • storage depots have facility for the storage of segregated waste in green bins 35 nos. • lifting of solid waste from storage depots : 100 % of manual lifting. 	<p>transportation per day</p> <ul style="list-style-type: none"> • Frequency of transportation of waste is on daily basis. 	<p>processed daily. Composting technology is used.</p> <ul style="list-style-type: none"> • Slaughter house waste is properly managed and C&D waste 125 ton/year. • Equipment used at landfill site JCB available. Frequency of covering the waste deposited at landfill is after one month and landfill is under proper mechanism. 	<p>processing 0-18-50 HM.</p> <ul style="list-style-type: none"> • land currently utilizes for waste processing facility is at Chinwa road Gahi Lagore. • Pit technology is used and 9 person deployed. • Distance from city/town is 2 km. from habitation 1 km, water body 1 km. from national highway 2.0 kms. quantity of waste landfill each day 3 ton/day. landfill is fenced.
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	Broom and basket is used. 100% manual sweeping. Long handle broom and handcart/tricycle is containerized are provided to sanitary workers.					
MC Nagrota	<ul style="list-style-type: none"> • Population 5900. Area 3.54sqkm area .Number of households 1779 in the city/town. and 7 numbers of election/administrative wards. • Estimated Quantity of solid waste generated in the local body area per day 4.34 tpd. Quantity of solid waste collected 4tpd. Per capital waste collected per day 350gm/day. • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 7 wards, 1779 house hold and 54 non-residential area. • Residential and non-residential premises covered in D2D collection through Motorized vehicle 50%, containerized 	--	--	<p>Waste transported. Through tipping trucks 2 trips made waste transported . and others 6 trips made waste transported.</p> <p>Frequency of transportation of waste is on daily basis 95%. Quantity of waste transported each day 4.00tpd.</p>	--	No Land is available in the limits of M.C Nagrota bagwan.Waste is transported to Kangra Site. Distance of dumpsite from the city 23 km. Distance from national highway 23 km. yes it fault in earthquake fault line area.

	<p>tricycle/handcart 30% and other device 20%.</p> <ul style="list-style-type: none"> • 39.808 km Length of roads, street, lanes in the city, Frequency of street sweepings and percentage of population covered daily by 95 %. Tools used: 100% manual sweeping. • handle broom and handcart/tricycle is containerized are provided to sanitary workers. 					
MC Dehra	<ul style="list-style-type: none"> • Population 4816. Area 3.26 sqkm. • 7 numbers of nonresidential premises in the city. • Estimated Quantity of solid waste generated in the local body area per day 1.50tpd. Quantity of solid waste collected 1.20tpd. Per capital waste collected per day 300gm/day. • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 5 wards, 750 house hold and 380 non- 	--	<ul style="list-style-type: none"> • 2 open waste storage sites. 1.1m³ bins 5 numbers and 5 numbers depots in the city/town. Bin population ratio 0.20%. • lifting of solid waste from storage depots : 100 % of manual lifting. Yes lifted from door to door and transported to treatment plant 	<ul style="list-style-type: none"> • Waste transported. 3 trips made waste transported per/day. Through 3 animal carts and 4 jcb loaders Frequency of transportation of waste is on daily 70%. • Quantity of waste transported each day 1.50tpd. 	-----	<ul style="list-style-type: none"> • 3t solid waste processed and 1.20 tp/d disposed at dumpsite • BB MB Land site available for waste disposal sites. • Distance from habitation ½ km, 1 km national highway 2.0 kms. quantity of waste landfill each day 1 tpd.

	<p>residential area.</p> <ul style="list-style-type: none"> Residential and non-residential premises covered in D2D collection through Motorized vehicle 70%, containerized: 1 number tractor trolley. Other devices 1 no auto. 1 Frequency of street sweepings and percentage of population covered daily by 65%, alternate days 20% . 10% twice a week. 5 occasionally. Tools used: manual: 100% manual sweeping. handle broom and handcart/tricycle is containerized are provided to sanitary workers. 		directly in segregated form.			
MC Jawalam ukhi	<ul style="list-style-type: none"> Population 5361. Area 4.52sqkm .Number of households in the city/town 1428. 526 numbers of non residential premises in the city and numbers of election/administrative wards in 7 wards. 	<p>Yes</p> <p>Segregation and storage</p> <p>60 % of house holds.Storage depots have facility for storage of segregated</p>	<ul style="list-style-type: none"> 30 no of open waste storage site capacity of 400m³, up to 1.1 m³ bins 9 numbers and 2 to 5 bins 21 numbers depots in the city/town. Above 5 m³ 	<p>Waste transported.</p> <p>Through 1 tractors on outsourced basis by the door to door to garbage collector.1 tipping trucks.</p> <p>Others : 2 (1 no GIO M.C own vehicle and 1 no on outsourced basis). Frequency of</p>	<p>Solid Waste Management facilities.</p> <p>Yes solid waste processed daily.</p>	<ul style="list-style-type: none"> 2.50 solid waste processed and 2.00 tpd disposed 0.2070 land available with the local body for waste processing. currently utilized for waste processing. 1 number of dumpsite available with the

	<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 2.80tpd. Per capital waste collected per day 500gm/day. at dumpsite / landfill. • Door to Door:- Yes 80 % D2D Collection of solid waste is being done in the city in 7 wards,1142 house hold and 526 non-residential area. • Residential and non-residential premises covered in D2D collection through 80%. Motorized vehicle 60%, containerized tricycle/handcraft 30%.other devices 10%. Frequency of street sweepings and percentage of population covered daily by 80%, alternate days 10 % .5% twice a week 5%. • Tools used: manual: 100% manual sweeping. • Yes handle broom and 	<p>waste in green 4 Blue 2.</p>	<ul style="list-style-type: none"> • Bin population ratio 1:179. Frequency of collection of waste from the depots Daily 20. Alternate days 30. • lifting of solid waste from storage depots in manual of mechanical. 100% manual lifting of solid waste. yes 80% door to door to collection has started out of which 20% household garbage collected in segregated from. The waste collected from hotel and restaurant has been sold to pigri from holders and remaining garbage transported to SWM sites. 	<p>waste transported. Alternate 80% Twice a week 10% Once a week 5 % Occasionally 5 % .quantity of waste transported each day 2.50tpd. 83% of total waste transported daily.</p>		<p>local body. Distance from city 9.00 km. distance from habitation ½ km,</p> <ul style="list-style-type: none"> • Distance from water body 16 km beas river.100 metre distance from state national highway surani road and 5 km from NH-81.55 km distance from kangra airport.
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	handcart/tricycle is containerized are provide					
NP Bajnath Paprola	<ul style="list-style-type: none"> Population 15449. Number of households 2661 in the city/town. 11 numbers of election/administrative wards. Quantity of Solid waste 3.45 qtl. Sweeping of streets All wards in N.P area.. Yes street sweeping is done.. Frequency of street sweepings and percentage of population covered daily . Tools used: Manual 80% sweeping is done. Yes handle broom and handcart/tricycle is containerized are provided to sanitary workers and the collection of tools synchronizes with collection/waste storage containers utilized. 	Not being segregated .	Waste Storage depots in the city/town:- 10 no covered metals/ plastic containers. Ward no 11.10 number of bins placed. Frequency of collection of waste from the depots Daily 10nos. yes solid waste processed daily	Waste transported Others : Three wheelers 3 nos.	--	1 number of dumpsite available with the local body. distance of dumpsite from city 4 km. distance from national highway 4 km.
NP Jawali	<ul style="list-style-type: none"> Population 10778. Area 8.46 sqkm area .Number of households 2966in the 	Yes only 5% Segregation and storage	<ul style="list-style-type: none"> Waste Storage depots in the city/town:- 53 	<ul style="list-style-type: none"> Waste transported 1 no of tractor through 	Solid Waste Management facilities.	Land:- NOC pending from Gram Panchyat Maira 10 Kanal 8

	<p>city/town, 9 numbers of election/administrative wards.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 2.0 tpd. Quantity of solid waste collected 1.7 tpd. Per capital waste collected per day 100 gm/day. 2.0 tpd solid wastes processed and disposed at dumpsite / landfill. • Door to Door:- No D2D Collection of solid waste is being done in the city. • street sweeping is done. 8.0 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 50%.. • Tools used: Manual 50% sweeping is done. • Yes handle broom and handcart/tricycle is containerized are provided to sanitary workers. 	<p>of waste at source is done. solid waste on street and 5% premises segregating the waste at source.</p>	<p>numbers of bins under open waste storage sites.</p> <ul style="list-style-type: none"> • Frequency of collection of waste from the depots Daily 53 nos. of bin. • lifting of solid waste from storage depots : 50 % of manual lifting. 	<p>Sanitary contractor Frequency of transportation of waste is on daily 50%.</p> <ul style="list-style-type: none"> • Quantity of waste transported each day 1 tpd per day. 	--	marla.
MC Chamba	<ul style="list-style-type: none"> • Population 19933. Area 4.33 sq area in. Number of households 34 in the city/town and number of election/administrative 	--	<p>33 numbers of bins and volume of bin placed each.</p> <p>Frequency of collection of waste from the depots</p>	<p>Waste transported. Per day by 3 trips. 1 no of dumper placer is used.</p>	--	<p>Land:- No data available. Distance from city/town is 11km. from habitation 1 km.</p>

	<p>11 ward.</p> <ul style="list-style-type: none"> • Estimated Quantity of solid waste generated in the local body area per day 8 ton/day .Quantity of solid waste collected 8 ton/day. Per capital waste collected per day 200.0 gm/day. and ton/day waste disposed at dumpsite / landfill. • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 11 wasds 70%. D2D collection is being done through 1% by Motorized vehicle. • Sweeping of street per day. • 2 km Length of roads, street, lanes in the city, that need to be cleaned. Frequency of street sweepings and percentage of population covered daily. • Tools used: manual sweeping 90%. Yes handle broom is provided to sanitary workers. 		<p>Daily, Twice a week- 6 bins, Once a week- regularly.</p> <p>lifting of solid waste:- Yes waste is lifted D2D and transported to treatment plant directly</p>			
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<p>MC Dalhousie</p>	<ul style="list-style-type: none"> Population 7051. Area 7.63 sq area in. Number of households 1420 in the city/town, Non-residential 165 numbers and number of election/administrative 9 ward. Estimated Quantity of solid waste generated in the local body area per day 25.30 qtl/day. Door to Door:- Yes D2D Collection of solid waste is being done in the city in 9 wards 70% household and 70% non-residential. premises covered in D@D collection through 70% Motorized vehicle, 70% containerized tricycle/handcart. Yes sweeping of street is done. 56.50 km Length of roads, street, lanes in the city, that needs to be cleaned. Tools used: 90% manual sweeping is done. Yes handle broom and 	<p>--</p>	<ul style="list-style-type: none"> 3 nos of bins capacity 25 m² each, 33 numbers bins/containers are used for waste storage depots in the city/town. 	<p>Waste transported. Through, 1 number of dumper placer. Frequency of transportation of waste daily Quantity of waste transported each day 90% of total waste transported daily.</p>	<p>Solid Waste Management facilities. Dumping</p>	<ul style="list-style-type: none"> 0.08.91 hectare Land is available with the local body. land currently utilizes for waste processing facility for dumping. 1 no of dumpsite and landfill site is available. Distance from city/town is within city. Distance from habitation 500m.distance from national highway 8 km. quantity of waste landfill each day 25-30 qtl.. Yes landfill is fenced, bridge facility is available. Covering soil material is used.
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	handcart/tricycle is containerized are provided to sanitary workers and the collection tool synchronizes with storage container utilized.					
NP Chowari	<ul style="list-style-type: none"> Population 3770. Number of households 954 in the city/town. Estimated Quantity of solid waste generated in the local body area per day 2.50 qtl. .Quantity of solid waste collected 2.5 qtl. Per capital waste collected per day 19 kgm/day. 2 qtl. solid waste processed and 2qtl waste disposed at dumpsite / landfill. Door to Door:- 60 % D2D Collection of solid waste is being done in the city in 6 wards, 575 house hold. Residential and non-residential premises covered in D2D collection through Motorized vehicle 20%, and other device 40%. Sweeping of street once a day. 3 km Length of roads, street, lanes in the city, Frequency of street 	Waste is segregated 0.5%.	<ul style="list-style-type: none"> Waste Storage depots: 3 no of open waste storage depots 18 covered metals/plastic container. Lifting of solid wastefrom storage depots 100 % of manual lifting. 	<ul style="list-style-type: none"> Waste transported- through three wheeler and TATA 407. Frequency of transportation of waste is on daily basis 80%. 	Solid Waste Management facilities. Landfill technology adopted.	<ul style="list-style-type: none"> Land is available with the local body for waste processing 0.3596 hectare. land currently utilizes for waste dumping near Shani Dev Mandir 15 biswa. Distance from city/town is 1/2 km. from habitation 1 km, water body 0.250 km. Yes landfill site is available. 50 kg waste land filled each day.

	<p>sweepings and percentage of population covered daily by 60 %, alternate days 20 % , twice a week 10% and occasionally 10%.</p> <p>Tools used:</p> <ul style="list-style-type: none"> • handle broom is provided to sanitary workers. 					
Cantonment Board Jatogh	<ul style="list-style-type: none"> • Population 2062. Area 1.4151 sqkm area Number of households 81 in the city/town, 10 numbers of non residential premises in the city and 2 numbers of election/administrative wards. • Estimated Quantity of solid waste generated in the local body area 0.5/tpd. Quantity of solid waste collected 0.5/tpd. Per capital waste collected 250/gm/tpd. 0.5 solid waste processed and 0.5 waste disposed at dumpsite /landfill. • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 2 wards, 81 house hold and 10 non-residential area. • Residential and non-residential premises covered in D2D collection through other device 100%. 	<ul style="list-style-type: none"> • Yes 100% storage depots have facility for the storage of segregated waste in green bins 17 nos. blue bins 17nos. 	<ul style="list-style-type: none"> • No of bins placed 25 nos. total volume of bins paced. Bin/population ratio 1:82. Total storage capacity of waste storage facilities in 44.70 m³. • lifting of solid waste from storage depots : 100 % of manual lifting. solid is lifted from door to door and transported to treatment plant directly in a segregated form 	<ul style="list-style-type: none"> • Waste transported. 1 others and 1 number of trips made. 500kg waste. • Frequency of transportation of waste is on daily 100% basis. • Quantity of waste transported each day 3t per day. 100% of total waste transported daily. 	<ul style="list-style-type: none"> • Garbage collected from Cantonment Board jatog deposited at MC Shimla plant. 	<ul style="list-style-type: none"> • No dumping site .

	<ul style="list-style-type: none"> • 11km Length of roads, street, lanes in the city, Frequency of street sweepings and percentage of population covered daily by 100 . • Tools used: • 100% manual sweeping. • handle broom and handcart/tricycle is containerized are provided to sanitary workers. And the collection tools synchronizes with storage containers utilized. 					
Cantonment Board Kasauli	<ul style="list-style-type: none"> • Population 3885. Area in 2.61 sq km. Number of households 460 in the city/town. Number of election/administrative 6. Estimated Quantity of solid waste generated in the local body area per day 15 Qtl./day. Quantity of solid waste collected 15/tpd . • Door to Door:- D2D Collection of solid waste is being done in the city in 6 wards, 460 house hold. Residential and non-residential premises covered in D2D collection through Motorized vehicle 100%, and other device 40%. 	<ul style="list-style-type: none"> • Waste is segregated at Trench Grounds. 	<ul style="list-style-type: none"> • Cement concrete cylinder bins 60 nos. and covered metal containers 25 no(covered tin bins). • Total waste actually stored at the waste storage depots daily 1.5 ton per day. Lifting of solid waste from storage depots 100 % of manual lifting. 	<ul style="list-style-type: none"> • Waste transported- type and number of vehicles used TATA ACE Quantity of waste transported each 1.5/Tpd. Percentage of total waste transported daily 1.5/tpd. 	<ul style="list-style-type: none"> • Solid Waste Management facilities. • Landfill technology adopted. composting pit are constructed • Equipment used at landfill site Bulldozer, compacters available/TATA ACE. • Frequency of covering the waste deposited at landfill is after 7 days and soil is used as covering material. 	<ul style="list-style-type: none"> • 1 number of dumpsite available with the local body. • Distance from city/town is 1km. from habitation 0.3km, water body 1.5 km. distance from state/highway 12 km. quantity of waste landfilled each day 1.5 /tpd.

	<ul style="list-style-type: none"> Sweeping of street 100%. 15.475 km Length of roads, street, lanes in the city, that need to be cleaned. Tools used: manual:100% manual sweeping. Long handle broom is provided to sanitary workers. The collection tool synchronizes with collection/waste storage containers. 					
Cantonment Board Yol	<ul style="list-style-type: none"> Population: 12028 Total quantity of waste generated 1.2m tonne and collected 1.2 tonne./day 	<ul style="list-style-type: none"> Not being segregated. 	<ul style="list-style-type: none"> Waste Storage depots: 450 no of open waste storage depots.68 masonry bins up to 2 to 5 m³ bins. 	<ul style="list-style-type: none"> Waste transported Through 1 tipping truck and dumper plcer. 4 numbers of trips made. 	<ul style="list-style-type: none"> Solid Waste Management facilities. Pit technology and soil filling. Equipment used at landfill site job available by hiring. Frequency of covering the waste deposited at landfill is 1 month . 	<ul style="list-style-type: none"> 1 number of dumpsite available with the local body. Distance from city/town 1 km. 1 km from habitation. 100 m from water body.500m from, state /national highway. 1.2ton quantity of waste landfill each day.
Cantonment Board Dalhousie	<ul style="list-style-type: none"> Population 3549. Area in 1008.50 sq km. Number of households 146 in the city/town. Number of election/administrative6. Estimated Quantity of solid waste generated in 	Two colour coded dustbins (green and blue) have been provided to each	<ul style="list-style-type: none"> Waste Storage depots 16 Metallic covered storage bins.(2 & 4 quintals bearing capacity).24 masonry bins.,15 PVC covered of 	Waste transported- through 1 truck and 2 trips daily.	solid waste processed and quantity of waste processed 0.2 tpd. Vehicle.	0.038 hectare available with the local body .0.038 hectare .area of each site available for waste disposal.. 0.020 hectare area of and currently used for waste disposal. Distance from

	<p>the local body area per day 1.5 /tpd. Quantity of solid waste collected 1.5/tpd .per capita waste collected 600 gm/day.</p> <ul style="list-style-type: none"> • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 6 wards, 146 house hold. Residential and 1 hotels/restaurant, 1 educational institute, 1 office complex, 6 shops. Percentage of residential and non residential premises covered in door to door collection through Motorized vehicle 100% • 8km Length of roads, length of path and lanes 2.07 km, length of drains 3950 m, length of nullah 800 mtr. Frequency of street sweepings and percentage of population covered daily 100%. • Tools used: manual: 100% manual sweeping. • Long handle broom is provided to sanitary workers. 	household or segregation at source.	120 litre each.			city/town is 8km. from habitation 1km., distance from state/highway 1 km.
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Cantonment Board Bakloh	<ul style="list-style-type: none"> Population 1805. Area in 566.84 acres. Number of households 247 in the city/town. Number of non residential premises in the city 5-6. Number of election/administrative 2. Quantity of solid waste generated in the local body area per day 1-2qtl/day. Quantity of solid waste collected 1-2qtl/day. Door to Door:- Yes D2D Collection of solid waste is being done in the city in 2 wards. Total length of road , lanes in the city 7.06 km Frequency of street sweepings and percentage of population covered daily 100%. Tools used: manual: 100% manual sweeping. Long handle broom is provided to sanitary workers The collection tool synchronizes with collection/waste storage containers. 	<ul style="list-style-type: none"> Storage depots have facility for storage of segregated waste in green 400 Blue 400. 	<ul style="list-style-type: none"> waste storage depots- Masonry bins 15 nos and cement concrete cylinder bins 15 nos. up to 1.1 m³ in 2 numbers and 5m³ in 2 numbers or 2 numbers in bin less depots in the city/town. Frequency of collection of waste from the depots 40 number and number of bins 40 numbers. 	<ul style="list-style-type: none"> Through 1 tipping truck Frequency of transportation of waste is on alternate days 100% . Quantity of waste transported each day 1-2qtl. 95-100% of total waste transported daily. 	<ul style="list-style-type: none"> Solid Waste Management facilities. Compositing and recycling. 	<ul style="list-style-type: none"> 1 number of dumpsite available with the local body. Approx 10000 m available with the local body for waste processing. Distance from city/town is 1.5 km. from habitation 1.5 km., distance from state/highway 10 km.
Cantonment	<ul style="list-style-type: none"> Population 3685. Area in 2.3 km. Number of 	--	<ul style="list-style-type: none"> Waste Storage facilities- 	Waste transported- 2-3 number of trips	<ul style="list-style-type: none"> Solid Waste Management 	<ul style="list-style-type: none"> Land available with the local body for

Board Subathu	<p>households 700 in the city/town. Number of non residential premises in the city 130 .Number of election/ administrative 6.</p> <ul style="list-style-type: none"> Quantity of solid waste generated in the local body area per day1.8tpd Quantity of solid waste collected 1.8tpd. Door to Door:- 100 % D2D Collection of solid waste is being done in the city 6 wards. Total length of roads, lanes in the city 4 km . Frequency of street sweepings and percentage of population covered daily 100%. Tools used: 100% manual sweeping. Long handle broom is provided to sanitary workers. The collection tool synchronizes with collection/waste storage containers. 		<p>covered metals/plastic containers 10 numbers. 2 to 5 m³ bins 10 number.</p> <ul style="list-style-type: none"> Total storage capacity of waste storage facility 35m³. 	<p>made. Frequency of transportation of waste daily 100 %.quantity of waste transported 1.8tpd.</p>	<p>facilities. Waste dumped in dumpsite of Cantonment Board.</p>	<p>waste processing 0.014 hectare and 1 number of dumpsite available with the local body</p> <ul style="list-style-type: none"> Distance from city/town is 0.5km . 1.5 km from habitation. 1 km from state/national highway. Quantity of waste landfill 16 tpd.
Cantonment Board Dakshai	<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 	--	<ul style="list-style-type: none"> Waste Storage Facility Cement concrete cylinder bins 	<ul style="list-style-type: none"> Waste transported 3 trips in jeep attached with trailor. Quantity of waste transported each day 	--	<p>Waste dumped in dumpsite Distance from city/town is 2km. from habitation 0.3km. distance from water body 2.5km distance from</p>

	<p>election/ administrative 6. Quantity of solid waste generated in the local body area per day 0.5 tpd. Quantity of solid waste collected 0.5tpd.</p> <ul style="list-style-type: none"> • Door to Door:- Yes D2D Collection of solid waste is being done in the city in 6 wards. • residential and non-residential premises covered in • door to door collection through Motorized vehicle 99 %. • Total length of roads, lanes in the city 16 km. • Tools used. mannual:100% • long handle broom is provided to sanitary workers. The collection tool synchronizes with collection/waste storage containers. 		<p>39 number. covered metals containers 20 numbers .</p> <ul style="list-style-type: none"> • Number of bins cleared daily 59. • Whether lifting of solid waste from storage depots is 100% manual lifting. 	<p>0.5tpd.</p> <ul style="list-style-type: none"> • 		<p>state/highway 0.5 km</p>
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Note:- The information in the statement is compiled based on the reports filed by Local Bodies and / or concerned Regional Officers of the State Board.

ANNEXURE-III (2017-18)

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.	MC Shimla	0.5 ton of Wet waste is processed forcomposting.50 Kg/day compost is being produced.	Yes provision for leachate collection is being made,	N.A
2.	MC Rampur Bushahr	No compost is being formed	No provision for leachate collection	N.A
3.	M.C Theog	No compost is being formed	No provision for leachate collection	N.A
4.	MC Rohroo	No Compost is being formed	No provision for leachate collection	N.A
5.	N.P. Narkanda	No Compost is being formed	No provision for leachate collection	N.A
6.	N.P. Suni	No Compost is being formed	No provision for leachate collection	N.A
7.	N.P. Chopal	No Compost is being formed	No provision for leachate collection	N.A
8.	N.P. Kotkhai	No Compost is being formed	No provision for leachate collection	N.A
9.	N.P. Jubbal	0.17 Raw material processed.	No provision for leachate collection	N.A
10.	M.C. Solan	No Compost is being formed	No provision for leachate collection	N.A
11.	M.C. Nalagarh	No Compost is being formed	No provision for leachate collection	N.A

12.	M.C. Parwanoo	No Compost is being formed	No provision for leachate collection	N.A
13.	M.C. Baddi	No Compost is being formed	No provision for leachate collection	N.A
14.	NP Arki	Quantity of residual wasteland filled.	No provision for leachate collection	N.A
15.	M.C. Nahan	Compositing: is being done	No provision for leachate collection	N.A
16.	M.C. Paonta	No Compost is being formed	No provision for leachate collection	N.A.
17.	N.P. Rajgarh	No Compost is being formed	No provision for leachate collection	N.A.
18.	M.C. Bilaspur	No Compost is being formed	No provision for leachate collection	N.A.
19.	M.C. Shri. Naina Devi Ji	No Compost is being formed	No provision for leachate collection	N.A.
20.	M.C. Ghumarwin	No Compost is being formed	No provision for leachate collection	N.A.
21.	N.P. Talai	No Compost is being formed	No provision for leachate collection	N.A.
22.	M.C. Mandi	No Compost is being formed	Yes provision for leachate collection	N.A.
23.	M.C. Sundernagar	No Compost is being formed	No provision for leachate collection	N.A
24.	M.C. Nerchowk	No Compost is being formed	no provision for leachate collection	N.A
25.	N.P. Sarkaghat	No Compost is being formed	No provision for leachate collection	N.A
26.	N.P. Jogindernagar	No Compost is being formed	No provision for leachate collection	N.A
27.	N.P. Rewalsar	No Compost is being formed	No provision for leachate collection	N.A
28.	N.P. Karsog	No Compost is being formed	No provision for leachate collection	N.A
29.	M.C. Kullu	Composting done	YES provision for leachate collection	N.A.
30.	M.C. Manali	Composting done	YES provision for leachate collection	N.A

31.	N.P. Bhunter	Waste sent to Kullu	YES provision for leachate collection	N.A.
32.	N.P. Banjar	No Compost is being formed	No provision for leachate collection	N.A.
33.	M.C. Una	No Compost is being formed	No provision for leachate collection	N.A.
34.	M.C. Santokhgarh	No Compost is being formed	No provision for leachate collection	N.A.
35.	N.P. Dalautpur	No Compost is being formed	No provision for leachate collection	N.A.
36.	N.P. Gagret	No Compost is being formed	No provision for leachate collection	N.A.
37.	N.P. Mehatpur	No Compost is being formed	No provision for leachate collection	N.A.
38.	N.P. Tahliwal	No Compost is being formed	No provision for leachate collection	N.A.
39.	M.C. Hamirpur.	1 tonne of waste is processed for composting	No provision for leachate collection	N.A.
40.	M.C. Sujampur	No Compost is being formed	No provision for leachate collection	N.A.
41.	N.P. Nadaun	No Compost is being formed	No provision for leachate collection	N.A.
42.	N.P. Bhota	No Compost is being formed	Yes provision for leachate collection.	N.A.
43.	M.Corp. Dharamshala	Not being processed.	No provision for leachate collection	N.A.
44.	M.C. Kangra	Pit system	No provision for leachate collection	N.A.
45.	M.C. Palampur	Not being processed.	No provision for leachate collection	N.A.
46.	M.C. Nurpur	Not being processed.	No provision for leachate collection	N.A.
47.	M.C. Nagrota	All the garbage collected and sends to the SWM project kangra for disposal.	No provision for leachate collection	N.A.
48.	M.C. Dehra	N.A.	N.A.	N.A.
49.	M.C. Jawalamukhi	Not being processed.	No provision for leachate	N.A.

			collection	
50.	N.P. Jawali	Not being processed.	No provision for leachate collection	N.A.
51.	N.P.Baijnath-Paprola	Not being processed.	No provision for leachate collection	N.A.
52.	M.C. Chamba	Not being processed.	No provision for leachate collection	N.A.
53.	M.C. Dalhousie	Not being processed.	No provision for leachate collection	N.A.
54.	N.P. Chowari	No compost pits are constructed.	No provision for leachate collection	N.A.
55.	Cantonment board jatogh	Not being processed.	No provision for leachate collection	N.A.
56.	Cantonment board Kasauli	Not being processed.	No provision for leachate collection	N.A.
57.	Cantonment board yol	N.A.	N.A.	N.A.
58.	Cantonment board Dalhousie	Not being processed.	No provision for leachate collection	N.A.
59.	Cantonment board bakloh.	Composting , Qty. raw material processed 150-1700Kgs	No provision for leachate collection	N.A.
60.	Cantonment board subathu	Composting , Qty. raw material 0.9tpd .Qty. final product produced 0.09tpd Qty. sold 0.0tpd.	Yes provision for leachate collection	N.A.
61.	Cantonment board dakshai	Not being processed.	No provision for leachate collection	N.A.

Note:- The information in the statement is compiled based on the reports filed by Local Bodies and / or concerned Regional Officers of the State Board.

Part- B (2017-18) Solid Waste Management

For Filling Annual Report on Municipal Solid Waste Management

1. Town/Cities

(i)	Total Number of towns/cities	61
(ii)	Total No. of ULBs	54 ULBs and 7 Cantonment Boards
(iii)	Number of class I & class II cities/towns	Class-I—1 (Shimla)
(iv)	No. of ULBs/Cantonment Boards submitted Annual Report	61

Authorization status (names/number)

(i)	Number of applications received	4
(ii)	Number of authorizations granted	Nil
(iii)	Authorizations under scrutiny	Nil

SOLID WASTE Generation status

Solid waste generation in the state (TPD)	387 TPD Approx.
Collected	343 TPD Approx.
Treated	100-120 TPD approx.
Landfilled	220 TPD Approx. (Open Dumping)

Compliance to Schedule I of SW 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 Municipal Solid Waste :

Sl. NO.	Town/cities covered	Type of Plant	Method of processing
1.	Shimla	Proposed Waste to Energy Plant.	70-100 MT /day Wte not operational and Waste is converted to RDF and sent to Cement Industries.
2	Kangra	Pit Composting	waste is processed for composting
3	Kullu	Bio conversion plant	waste is processed for composting
4	Manali/Bhuntar	Pit Composting	waste is processed for composting
5	Nahan	Pit Composting	waste is processed for composting
6	Hamirpur	Pit Composting	1 tonne of waste is processed for composting

Waste to Energy Plants

2 under proposed in MC Shimla
and MC Manali.

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

Landfill sites identified	1 (Shimla)
Landfill constructed	Nil
Landfill under construction	1 (Shimla)
Landfill in operation	Nil
Landfill exhausted	Nil
Landfilled capped	Nil

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

Total number of existing dumpsites	54(Mehatpur, Rewalsar, Jogindernagar, Rajgarh, Nagrota, Bhunter, Nerchowk have no dumpsite and disposing their waste to nearby ULBs.)
Dumpsites reclaimed/capped	1 (Shimla)
Dumpsites converted to sanitary landfill	Nil

Monitoring at Waste processing/Landfills sites

Sl. No.	Name of facilities	Compost quality	Ambient air	Leachate quality	Groundwater	VOCs																																
1.	MC Kullu	1 No. samples taken: <table border="1"> <thead> <tr> <th>Parameter</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>8.82</td> </tr> <tr> <td>Total Chromium</td> <td>485 mg/Kg</td> </tr> <tr> <td>Copper</td> <td>ND</td> </tr> <tr> <td>Cadmium</td> <td>ND</td> </tr> <tr> <td>Lead</td> <td>106 mg/Kg</td> </tr> <tr> <td>Nickel</td> <td>196 mg/Kg</td> </tr> <tr> <td>Zinc</td> <td>1875 mg/Kg</td> </tr> </tbody> </table> 2. <table border="1"> <thead> <tr> <th>Parameter</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>8.36</td> </tr> <tr> <td>Conductivity</td> <td>1995</td> </tr> <tr> <td>Moisture%</td> <td>221.71 %</td> </tr> <tr> <td>TKN</td> <td>0.291%</td> </tr> <tr> <td>C/N Ratio</td> <td>18.90</td> </tr> <tr> <td>Phosphate</td> <td>0.010</td> </tr> <tr> <td>Fe</td> <td>3100.0</td> </tr> </tbody> </table>	Parameter	Results	pH	8.82	Total Chromium	485 mg/Kg	Copper	ND	Cadmium	ND	Lead	106 mg/Kg	Nickel	196 mg/Kg	Zinc	1875 mg/Kg	Parameter	Results	pH	8.36	Conductivity	1995	Moisture%	221.71 %	TKN	0.291%	C/N Ratio	18.90	Phosphate	0.010	Fe	3100.0	--	No Leachate treatment Plant	--	--
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Lead	47.4 mg/Kg																																			
Nickel	1.5 mg/Kg																																			
Zinc	22.4 mg/Kg																																			

Status of Action Plan prepared by Municipalities:

Total number of municipalities: 54

Number of individual Action Plan submitted 1

Solid Waste Management – Status of HP

The State has 2 Municipal Corporations, 31 Municipal Councils and 21 Nagar Panchayats, 7 Cantonment Boards constituting approximately 10% (7.13 lakh) of the state population. SWM policy has been approved from State Cabinet in the month of Nov, 2018. Total quantity of MSW Waste Generated in the State is approximately 377 MT/Day from 497 wards.

The D2DGC (Door to Door Garbage Collection) has started in all the ULBs (except in Jawali, Karsog, Nerchowk and Theog due to non-availability of manpower.) However, the waste is being collected from these 4 ULBs also by the regular sanitation staff of the ULB. The D2DGC and source segregation has been started in **464** and **438** respectively out of 497 wards. The ULBs are having different arrangements for collection of dry and wet waste in segregated manner. Most of ULBs have kept drums in their vehicles to keep the wet waste separate from dry waste. The MRF has been setup in 2 ULBs namely Kangra and Shri Naina Devi Ji. In other ULBs, the recyclables are extracted.

Bye-laws have already been adopted by all the 54 ULBs wherein the provision for penalizing non-compliant waste generators has been introduced.

Every ULB has prepared Individual Action Plan for management of Solid Waste which has been uploaded on the **website. www.ud-hp.in** The Department of UD has notified **three major cities Shimla, Kangra, Hamirpur** and **three major towns (Nahan, Naina Devi, Sundernagar)** as models.

Department of RD has notified three panchayats in each district as model panchayats for management of solid waste.

Suitable sites for having waste processing facility are available or identified in 51 ULBs. In 31 ULBs the sites have been transferred in the name of UD/ULB. 3 more ULBs are having joint land parcel with other ULBs. Therefore, total 34 ULBs are having land. In addition, land parcel for **regional landfill** has been identified at 3 ULBs namely Shimla, Una and Chamba.

Waste processing facility for wet waste has been setup in 25 ULBs through pit composting. The waste processing facilities in 11 ULBs are under construction. The waste processing facility in the remaining ULBs will be ready by 30.06.2019. Non-recyclables are being sent to cement factory or handed over to PWD by 15 ULBs. 41 ULBs are getting recyclables extracted at their dump sites by engaging rag-pickers.

One WtE plant (at present RDF- Refused Derived Fuel is being produced) has been established at Shimla, facility covering 5 additional ULBs. WtE plant is also being setup at Manali.

Extensive IEC is being conducted and continued in all ULBs to achieve 100% source segregation. Ward wise committees have been formed in all ULBs. SHGs under NULM are also being involved for effective partnership of all stake holders in decentralized SWM.

Public sweeping is regularly done in all the ULBs atleast once in a day. It is done twice a day in commercial areas in most of the ULBs, and additional sweeping (including night sweeping) is also being done by ULBs during festivals in pilgrimage places such as in Talai, Jwalamukhi, ShriNainadevi etc.

A scheme of registration of rag-pickers and scrap-dealers has been developed by the State and circulated to all the ULBs for implementation. Till date 180 rag-pickers have been identified/registered in 41 ULBs. Efforts are on to cover the remaining workers.

Bio-remediation of old dumps at **Kangra, Chamba, Mandi, Parwanoo, Nalagarh and Dharamshala** is being done at present.

Wire mesh, boundary wall or GI sheets have been installed along the dumpsites in the ULBs where the sites are near water bodies.

DO letter from Hon'ble CM has been issued to Mayor/President and Dy. Mayor/Vice-President of all 54 ULBs to encourage them to get involved in the implementation of SWM Rules, 2016 and collection of user charges.

The DUD has developed a portal for updation of SWM data which shall be made functional shortly. Meanwhile DUD has provided a link on its website regarding NGT matters where the data on SWM has been uploaded.