

Annual Report
Plastic Waste Management Rules, 2016,
For the year – 2020-21

Name of SPCB/ PCC	Estimated Plastic Waste generation per annum (TPA)	No. of Registered Plastic manufacturing/ Recycling (including multilayer, compostable units (Rule 9))			No. of Unregistered Plastic Manufacturing /recycling units in Residential / unapproved areas.	Details of plastic waste management e.g collection segregation disposal co-processing and road construction Rule-6 Attach Separate Sheet	Partial or complete ban on usage of plastics carry bags (through executive order) Attach list of plastic /cities towns.	Status of Marking labeling on carry bags. Rule-8	Explicit pricing of carry bags Rules 10	Details of the meeting of state level Advisory Body on Implementation Rule-11	No. of violations and action taken on non-compliance of provisions of these rules	Number of Municipal Authority under Jurisdiction and submission of Annual Report to CPCB Rule-12
		Plastic Units	Compostable Plastic Units	Multi Layered Plastic Units								
HPSPCB Shimla	Approx. 6206.782 TPA	Nil	2	86	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	Complete ban on usage of carry bags in the State of HP	Complete ban on usage of carry bags in the State of HP	Nil	State of HP has its own HP Non-biodegradable Act, 1995 under which in year 2020, 49 challans were done and fine of Rs. 1,16,500/- were collected w.r.t. use of plastic carry bags and littering Non-biodegradable items	Total ULB-61 1. Municipal Corporation-5 2. Municipal Council-29 3. Nagar Panchayat-20 4. Cantonment Board-7

Note:- The information in the statement is compiled based on the reports field by local Bodies/concerned Regional Officer of the State Board

Annual Report
Plastic Waste Management Rules, 2016,
For the year –2020-21

Name of SPCB/ PCC/ Regional Office	Estimated Plastic Waste generation per annum (TPA)	No. of Registered Plastic manufacturing/ Recycling (including multilayer, compostable units (Rule 9)			No. of Unregistered Plastic Manufacturing /recycling units in Residential /unapproved areas.	Details of plastic waste management e.g collection segregation disposal co-processing and road construction Rule-6 Attach Separate Sheet	Partial or complete ban on usage of plastics carry bags (through executive order) Attach list of plastic /cities towns.	Status of Marking labeling on carry bags. Rule-8	Explicit pricing of carry bags Rules 10	Details of the meeting of state level Advisory Body on Implementation Rule-11	No. of violations and action taken on non-compliance of provisions of these rules	Number of Municipal Authority under Jurisdiction and submission of Annual Report to CPCB Rule-12
		Plastic Units	Compostable Plastic Units	Multi Layered Plastic Units								
Regional Officer HPPCB Shimla and Rampur	Approx. 2520.805 TPA	Nil	Nil	9	Nil	Nil	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	05 Challan	Total ULB-9 Municipal Authority submitted Annual Report <ol style="list-style-type: none"> 1. MC Shimla 2. MC Rampur 3. MC Theog 4. MC Rohru 5. NP Narkanda 6. NP Snni 7. NP Chopal 8. NP Kotkhai 9. MP Jubbal

Regional Officer HPPCB Solan	Approx. 386.1 TPA	Nil	1	49	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	05 Challan	Total ULB—5 Municipal Authority Submitted Annual Report 1. MC Solan 2. MC Parwanoo 3. MC Baddi 4. MC Nalagarh 5. NP Arki
Regional Officer HPPCB Sirmour (Paonta Sahib)	Approx. 11.3 TPA	Nil	1	10	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	13 Challan	Total ULB—3 Municipal Authority Submitted Annual Report 1. MC Nahan 2. MC Paonta 3. NP Rajgarh
Regional Officer HPPCB Bilaspur	Approx. 81.45 TPA	Nil	Nil	3	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	02 Challan	Total ULB—4 Municipal Authority Submitted Annual Report 1. MC Bilaspur 2. MC Shri Naina Devi Ji 3. MC Ghumarwin 4. NP Talai
Regional Officer HPPCB Mandi	Approx. 668.665 TPA	Nil	Nil	4	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	Total ULB—7 Municipal Authority Submitted Annual Report 1. MC Mandi 2. MC Sundernagar 3. MC Joginder

												Nagar 4. MC Sarkaghat 5. MC Nerchowk 6. NP Rewalsar 7. NP Karsog
Regional Officer HPPCB Kullu	Approx. 2007.2 TPA	Nil	Nil	3	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	04 Challan	Total ULB—4 Municipal Authority Submitted Annual Report 1. MC Kullu 2. MC Manali 3. NP Bhunter 4. NP Banjar
Regional Officer HPPCB Una	Approx. 15.074 TPA	Nil	Nil	8	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	08 Challan	Total ULB—6 Municipal Authority Submitted Annual Report 1. MC Una 2. MC Mehatpur 3. MC Santokhgarh 4. NP Tahliwal 5. NP Daulatpur 6. NP Gagret
Regional Officer HPPCB Hamirpur	Approx. 74.66 TPA	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	Total ULB—4 Municipal Authority Submitted Annual Report 1. MC Hamirpur 2. MC Sujampur 3. NP Nadaun 4. NP Bhota

Regional Officer HPPCB Kangra	Approx. 401.758 TPA	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	Total ULB—9 Municipal Authority Submitted Annual Report 1. MC Kangra 2. MC Dharamshala 3. MC Nagrota 4. MC Jawalamukhi 5. MC Palampur 6. MC Nurpur 7. MC Dehra 8. NP Baijnath 9. NP Jawali
Regional Officer HPPCB Chamba	Approx. 5 TPA	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	12 Challan	Total ULB—10 Municipal Authority Submitted Annual Report 1. MC Chamba 2. MC Dalhousie 3. NP Chowari

Cantonment Boards	34.77 TPA approx..	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	<ol style="list-style-type: none"> 1. Cantonment Board Jatogh 2. Cantonment Board Kasauli 3. Cantonment Board Yol 4. Cantonment Board Dalhousie 5. Cantonment Board Subathu 6. Cantonment Board Dakshai 7. Cantonment Board Bakloh
-------------------	--------------------	-----	-----	-----	-----	---------------------------------------	--	----	----	-----	-----	---

**Annexure –I
(Plastic Waste)**

Sr. No	Name of ULB	General Information/Collection	Segregation/ Storage/Transportation	Disposal/Processing/Manpower
1	Municipal Corporation Shimla	<ul style="list-style-type: none"> • Population- 169578 (as per census) (242000 present population). • Total number of wards in the area under jurisdiction is 34. • Total no of house hold in the area under jurisdiction is 56949 and covered by D2D collection in 56949. • Total number of commercial establishments and Institutions in the area under jurisdictions & covered by D2D collection is 8032. • The total waste generated and collected 6-7% (2500 tons approx.). • Plastic waste channelized for recycling:- All the collected plastic waste which is segregated at point sources, through rag pickers and some of the D2D garbage collectors too is sold in open market by them which ultimately reaches in the recycling chain. An estimated 10-20% (appx) of such waste is recycled amounting to about 250-450 tons/annum. • Plastic waste channelized use:- All the collected • Plastic waste which is collected through various 	<ul style="list-style-type: none"> • Presently it is collected with the dry waste being collected by Door to Door Garbage collectors deployed through SEHB Society and is transported to the Waste to Energy Plant at Bhariyal where it is processed as RDF. • MC Shimla has deployed 25 pickup vehicles, 6 tippers, 8 dumper placer, 2 compactors & 2 Swatchhta vahans for collection and transportation of the Municipal Solid Waste generated in Shimla City. MC has placed 68 dumper placer and 102 Litter bins in the city. The same infrastructure is being used for the collection & transportation of the plastic waste, which is transported to the waste to energy plant at Bhariyal for further use as RDF as mentioned above. • All the collected 	<ul style="list-style-type: none"> • Quantity of inert 5-8 tons/day send to landfill sites during the year. • Facilities:- <ol style="list-style-type: none"> i. Name of operator – M/s Elephant Energy Pvt. Ltd., Waste to Energy Plant at Bhariyal. Capacity 100 tons/day. ii. Gasification Technology through RDF. iii. Waste concession agreement is signed between MC Shimla & EEPL on 29/03/2016. iv. Biogas plant is also installed. v. Validity of agreement (up to) 20 years from the date of signing of Power Purchase Agreement between EEPL & HP State Electricity Board i.e. w.e.f. 16/05/2016 for 20 years. • 303 nos. of manpower deployed by the local body for the sweeping of street, collection, storage etc. • Manpower deployed by contractor are Street sweeping-160, Casual workers-150, Staff at plant-4, D2D garbage collectors-468. Staff deployed at plant through M/s EEPL-60 approx. • Difficulties- Tough topographic constraints and segregation of waste at source.

		<p>sources like D2D garbage collection & through community bins & dumper containers (which does reaches the recycling chain) is transported to the waste to energy plant at Bhariyal where it is processed as RDF and then sent to the cement industries by project proponents i.e. M/s Elephant Energy Pvt. Ltd. It is estimated to be about 4782 tons/annum. Besides this as mentioned above. An estimated 300-450 tons/annum is being directly going in recycling chain through rag-picker etc. A Total 68 kg plastic was purchased under the Buy-Back policy.</p>	<p>plastic waste which is segregated at point source, through rag picker and some to the door to door garbage collector sold in open market by them which ultimately reaches in the recycling chain.</p> <ul style="list-style-type: none"> • An estimated 10-20% (appx.) of such waste 300-450 tones/annum of such waste is recycled. 	
2	M.C. Rampur	<ul style="list-style-type: none"> • Population- 9239 as per 2011 censuses. • Total number of wards in the area under jurisdiction is 9. • Total no of house hold in the area and D2D collection is 3281. • Total number of commercial establishments and Institutions in the area jurisdictions is 1343 nos. and D2D collection is 1320. • The total plastic waste generated during the year is 10.05 tons and collected is 10.00 ton. • Plastic waste channelized for recycling:- Polythene is 	<ul style="list-style-type: none"> • Outsource. • Plastic is collected in separate bags and are being handed over to H.P.P.W.D. 	<ul style="list-style-type: none"> • Inert or reject sent to landfill sites: - .005 ton. • 08 nos. of manpower deployed by local body and 03 nos. contractor with 47 nos. of Safai Karamchari for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- M.C doesn't have recycling plant nearby segregation of waste not been done • Action Plan:- D2D collection of Solid waste is being managed and site for treatment of solid waste is being selected.

		being collected by registered rag pickers and solid in open market for recycling.		
3	M.C. Theog	<ul style="list-style-type: none"> • Population- 4351. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area under jurisdiction 2445. • D2D collection is 2400. • Total number of commercial establishments and Institutions in the area jurisdictions is 400 approx. and d2d is 100%. • The total waste generated is 5 tons and collected is 5 tone. 	<ul style="list-style-type: none"> • Bailing and sent to cement plant. Hard plastic segregated by rag-pickers. Spoiled plastic sent to Bariyal plant M.C. Shimla. • Bailing machine, Dry waste sent to Bhariyal plant Shimla. 	<ul style="list-style-type: none"> • Infrastructure required:- Wet waste proceed in pits. • Facility:-Bariyal Unit Tara Devi, Shimla. • 05 nos. regular & 05 nos. MMSAGY manpower deployed by local body and 16 no. Street sweeping, 20 no. D2D and 04 no. for transportation manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- Financial Constrain. • Action Plan:- Vegetable Shredder for better composting recycling of plastic for flower pot.
4	M.C. Rohru	<ul style="list-style-type: none"> • Population-6875. • Total number of wards in the area under jurisdiction is 7. • Total no of house hold in the area and D2D collection is 1545. • Total number of commercial establishments is 800 and Institutions is 16 in the area under jurisdictions and covered under D2D collection is 400. • The total waste generated is 1.250 tons and collected 1.250 tons. 	<ul style="list-style-type: none"> • Gaytri jankalyan Samity. • PWD. 	<ul style="list-style-type: none"> • 14 nos. of manpower deployed by local body and 07 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
5	N.P. Narkanda	<ul style="list-style-type: none"> • Population-901 as per population 2011. • Total number of wards in the area under jurisdiction is 7. • Total no. of house hold in the area and D2D collection in 239. 	<ul style="list-style-type: none"> • Collection of plastic waste to segregation manner from each household or town. 	<ul style="list-style-type: none"> • Provided by local body 1 nos. of hydraulic pickup and 4 nos. of regular safai karamchari and 3 no. daily wage safai karamchari. • Difficulties- NP Narkanda is smallest local body & its income is very low and required more funds for solid waste managerial works. More funds are required from Government.

		<ul style="list-style-type: none"> • Total number of commercial establishments and institutions in the area and D2D collection is 10 no. • The total waste generated is 0.06 tone and collected 0.06 ton. 		
6	N.P. Suni	<ul style="list-style-type: none"> • Population – 2891. • Total number of wards in the area under jurisdiction is 7. • Total no of house hold in the area of jurisdiction and covered by D2D collection is 1115. • Total No. of Commercial Establishments is 371 and Institutions is 08 in the area under jurisdiction and covered by D2D collection of Commercial Establishments is 371 and Institutions is 08. • The total waste generated and collected is 0.8 ton. 	<ul style="list-style-type: none"> • 12 no. of persons engaged for the D2D collection and plastic is being collected and stored in the MRF in NP Suni. • 01 No. MRF has been constructed and 01 no. collection center is opened for single use plastic. 	<ul style="list-style-type: none"> • Facility:- MRF has been constructed in which plastic is separated and stored. • 07 no. Contractor and 04 no. Regular safai Karamchari deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.
7	N.P. Chopal	<ul style="list-style-type: none"> • Population – 1851 (as per 2011 census). • Total number of wards in the area under jurisdiction is 7. • Total nos. of household in the area under jurisdiction is 1150. • Total number of commercial establishment is 414 no. and institution is 30 no. in the area under jurisdictions and D2D collection of commercial establishment is 414 no. and institution is 30 no. • The total waste generated 	<ul style="list-style-type: none"> • 5 no. of persons engaged for the D2D collection and plastic is being collected and stored in the material recovery facility in NP Chopal. • 02 No. MRF has been constructed and 01 no. collection center is opened for single use plastic. 	<ul style="list-style-type: none"> • Facility-I:- MRF has been constructed in which plastic is separated and stored. • 05 nos. of contractor, 07 nos. of Regular safai karamchari are deployed by local body and 02 no. outsourced safai karamchai are deployed by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.

		and collected is 0.50 ton approx.		
8	N.P. Kotkhai	<ul style="list-style-type: none"> • Population – 1190. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area under jurisdiction is 430 and D2D collection is 430. • Total number of commercial establishments is 213 and institutions are 32 in the area under jurisdictions and D2D collection of commercial establishments is 213 and institutions are 32. • The total waste generated is and collected 2 ton. • Plastic waste channelized for use during the year is approx. 500 Kg single use plastic purchased under buy back scheme and round about 1.5 ton to plastic waste supplied to cement plant Darlaghat for RDF. 	<ul style="list-style-type: none"> • Segregation at source & stored in NP store and also collect the plastic from the resident of N.P Kotkhai and rag-pickers under buy back policy of Government. 	<ul style="list-style-type: none"> • Infrastructure required:- More funds required. • Inert or rejects sent to landfill sites is .01 ton • 02 nos. of own manpower deployed for collection & stored in NP store by local body and Arun Kumar Sanitary contractor NP Kotkhai for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- Financial issues.
9	N.P. Jubbal	<ul style="list-style-type: none"> • Population – 1640. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area under jurisdiction is 532. • D2D collection in 532. • Total number of commercial establishments is 246 and institutions is 5 in the area under jurisdictions and D2D collection of commercial establishment is 246 and institution is 5. 	<ul style="list-style-type: none"> • Composting landfill. • Collection centre ward no. 03. 	<ul style="list-style-type: none"> • Facility:- ULB, Landfill. • Manpower deployed by ULB itself for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.

		<ul style="list-style-type: none"> The total waste generated is and collected 1.145 Ton. 		
10	M.C. Solan	<ul style="list-style-type: none"> Population – 39256 + 10000 (floating). Total number of wards in the area under jurisdiction is 15. Total no of household in the area under jurisdiction is 8657 and D2D collection in 8657. Total number of commercial establishments is 2462 and institution is 203 in the area under jurisdiction and all are covered by D2D collection. The total waste generated is 1.2 TPD and collected 430 tons. Quantity of Plastic waste channelized for recycling during the year 360 tons and used 430 tons. Quantity of inert or rejects sent to landfill sites during the year is 277 tons. 	<ul style="list-style-type: none"> D2D collection by garbage collector through society (C.L.C.) and manual segregation of plastic. Only manual segregation at door steps and at SWM site. 	<ul style="list-style-type: none"> Infrastructure required: - Shredding machine for the production of RDF and pellets from b Shredded plastic. Facility-I & II:-Ambuja cement plant, Darlaghat, HPPWD Solan, Chandigarh collecting agent Chandigarh. For energy, roads and recycling of plastic granules 73 Nos. of MC through and 145 Nos. D2D garbage collectors outsource through society (C.L.C) and 35 no. registered rag pickers. Difficulties:-Main constraints are collection because of mix dry waste and transportation due to volume of plastic waste. Action Plan:- MC Solan had been prepared DPR to integrated the MSW management plant for better plastic waste management.
11	M.C. Nalagarh	<ul style="list-style-type: none"> Population – 10702. Total number of wards in the area under jurisdiction is 9. Total no of household in the area is 2535. D2D collection in 2535. Total number of commercial establishments and institution in the area under jurisdiction is 1853 and number of commercial and institutions establishments' is 1853 covered under d2d collection. 	<ul style="list-style-type: none"> Collected and disposal by M/s JBR Environment Technologies. Infrastructure developed by JBR. 	<ul style="list-style-type: none"> Infrastructure required:- No segregation has been made in the town. All MSW collected and disposal by JBR. 26+14+9=49 out of which 26 Safai Karamchari deployed on outsource basis Sh. Ashwani Kumar Got Contractor and 14 Safai Karamchari by M/s JBR including 9 no. Regular safai karamchari deployed on road sweeping.

12	M.C. Parwanoo	<ul style="list-style-type: none"> • Population – 8758 + 20000 (floating population). • Total number of wards in the area under jurisdiction is 9. • Total no of household in the area under jurisdiction is 3400 and D2D collection is 3400. • Total number of commercial establishments is 250 and institutions are 36 in the area under jurisdictions. • Covered under D2D collection commercial 250 and institutional 36. • The total waste generated is 18 ton and collected 18 tons during the year. 	<ul style="list-style-type: none"> • Outsourced to M/s JBR Environmental Technologies, Baddi. 	<ul style="list-style-type: none"> • 08 nos. of manpower deployed by local body and 32 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Action Plan:- Yes, D2DGC is done in all 9 ward of MC Parwanoo and city has been declared dustbin free. D2D Garbage collection, transportation and processing is outsourced to M/s JBR Environmental Technology, Baddi. MC has also distributed 2 dustbin (colored) to all household, commercial establishments and street vendors.
13	M.C. Baddi	<ul style="list-style-type: none"> • Population- 29911. • Total number of wards in the area under jurisdiction is 9. • Number of Household in the area under jurisdiction 8352 and covered by D2D collection 8352. • Total number of commercial and institutions in the area under jurisdiction and covered by D2D collection is 4263. 	<ul style="list-style-type: none"> • Collected and disposal by M/s JBR Environmental Technologies. • Infrastructure developed by JBR. 	<ul style="list-style-type: none"> • Infrastructure required:- No segregation has been made in the town. All MSW collected and disposed by JBR. • 90 safai karmchari deployed on outsource basis 44 Safai Karamchari by Tatget Green Planet and 46 by Saurav Kumar Singh Contractor. • 57 safai Karamchari by M/s JBR.
14	N.P. Arki	<ul style="list-style-type: none"> • Population – 3038. • Total number of wards in the area under jurisdiction is 7. • Number of Household in the area under jurisdiction is 705 and covered by D2D collection is 605. • Total 225 number of commercial and institutions in the area under jurisdiction 	<ul style="list-style-type: none"> • Nagar Panchayat Arki collected plastic waste picker. 	<ul style="list-style-type: none"> • 02 nos. of manpower deployed by local body and 15 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		<p>and all are covered by door to door collection.</p> <ul style="list-style-type: none"> Quantity of Plastic Waste Generated is 8100 Kg and collected is 14587 Kg (Pay back policy). Plastic waste channelized for recycling during the year :- All plastic send to Ambuja Cement Darlaghat. 		
15	M.C. Nahan	<ul style="list-style-type: none"> Population – 29014 as per 2011 censuses. Total number of wards in the area under jurisdiction is 13. Total number of household in the area under jurisdiction and covered by D2D collection is 17306. There are more than 4000 number of commercial establishment and institutions and also approx. 4000 covered by door to door collection. Total waste generated is 1.3 Ton and collected is 2.0 ton. 	<ul style="list-style-type: none"> Plastic waste is being collected by Agency & transported to dumping site or waste processing plant. The bailing machine is also installed at waste processing plant for making plant bails of size 1.5x2x2.5. Weight of one bail is approx. 15 Kg and will be sent to Cement Factory or handed over to PWD for Road construction. Plastic waste is being collected separately at source D2D collection. 	<ul style="list-style-type: none"> Infrastructure required:- Separate bins are required for different types of garbage. The quantity of inert or rejects to landfill site during the year in 500 Kg. Facility I:- Collected and stored by M.C. and after that submitted to PWD Dept. Facility II:- Plastic bottles etc. are segregated and sold for recycling by rag pickers then sell. 101 nos. of manpower deployed by local body and 05 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties-Different to separate the Plastic waste from the mixed garbage.
16	M.C. Paonta	<ul style="list-style-type: none"> Population – 25183. Total number of wards in the area under jurisdiction is 13. Total no of household in the area under jurisdiction and covered by D2D collection is 6042. Total number of commercial establishments and institution in the area more than 2000 and covered by d2d is approx. 2000. 	<ul style="list-style-type: none"> Plastic waste is being collected by Agency & transported to dumping site or waste processing plant. The bailing machine is also installed at waste processing plant for making plant bails of size 1.5x2x2.5. Weight of one bail is approx. 15 Kg and will be sent 	<ul style="list-style-type: none"> Infrastructure required:- Separate bins are required for different types of garbage. The quantity of inert or rejects to landfill site during the year in 500 Kg. Facility I:- Collected and stored by M.C. and after that made bails by bailing machine and sent to cement plant time to time. Facility II:- Plastic bottles etc. are segregated and sold for recycling by rag pickers then sell. 88 nos. of manpower deployed by local body and 10 nos. of manpower are deployed by the contractor for collection including street sweeping,

		<ul style="list-style-type: none"> • The total waste generated and collected 3 MT and collected is 4 M ton. • Plastic waste channelized for recycling during the year is 3 MT single use plastic has been sent to Cement plant Rajban, 1 MT Single use plastic sold to scrap dealer Saharanpur @ Rs. 15/kg for recycling 	<ul style="list-style-type: none"> • to Cement Factory or handed over to PWD for Road construction. • Plastic waste is being collected separately at source D2D collection no. of 23 rag pickers has been registered with ULB for collect the single use plastic. ULB made payment time to time @75. 	<ul style="list-style-type: none"> • Secondary storage transportation, processing and disposal of waste. • Difficulties-Different to separate the Plastic waste from the mixed garbage.
17	N.P. Rajgarh	<ul style="list-style-type: none"> • Population – 3083 as per 2011 Census. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area under jurisdiction and covered by D2D collection is 1136. • Total number of commercial establishments and institution in the area 956. • Number of commercial establishments and institution covered under D2D –Nagar Panchyat Rajgarh has registered two rag pickers and safai Karamchari through CLC. Plastic waste collected by them is being purchased by the NP Rajgarh under plastic buy back policy till dated. About 09 ton has been purchased. This plastic is being sent to the Ultra tech Cement plant Solan and Rekart innovations Pvt. Ltd Course Road Sector 27 	<ul style="list-style-type: none"> • Door to Door garbage collection is being done through CLC centre Nahan. • One bailing machine is being operational for making bails and MRF centre has been constructed. 	<ul style="list-style-type: none"> • Infrastructure required- Financial assistance is required to make store for storing plastic bails • Waste to energy ultra tech cement plant and Rekart innovation Pvt. Ltd Delhi 31.03.2022. • 13 for D2D to garbage collection and Secondary storage 04 transportation and processing disposal of waste. • Difficulties- Financial constraints with shortage of manpower in ULB.

		<p>Gurugram Delhi</p> <ul style="list-style-type: none"> The total waste generated is 7 ton and collected 6.9 tone. Waste channelizes for recycling and use during the year 6 tons and sent to land fill site nil. 		
18	M.C. Bilaspur	<ul style="list-style-type: none"> Population – 13654 (As per census). Total number of wards in the area under jurisdiction is 11. Total no of household in the area is 3334. D2D collection in 3271. Total number of commercial and institutions in the area and covered by D2D collection is 990. The total waste generated 31.95 & collected 31.95. 	<ul style="list-style-type: none"> Out Source 	<ul style="list-style-type: none"> Facility used for processing and disposal of plastic waste- MOU is signed with ACC Barmana. 12 nos. of manpower deployed by local body and 13 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- <ol style="list-style-type: none"> M.C. doesn't have recycling plant nearby. Segregation of waste at source.
19	M.C. Ghumarwin	<ul style="list-style-type: none"> Population – 7899. Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction and covered by D2D collection in approx. 2200. Total number of commercial establishment and institutions in the area under jurisdiction is Shops 850 Nos. School 5 Nos. and Offices 16 Nos. The total waste generated 20 Ton. 	<ul style="list-style-type: none"> D2D garbage collection started in segregation form, Plastic waste so generated is being sent to A.C.C. Barmana for disposal in kiln. The NGO Clean Ghumarwin Green Ghuma is voluntarily doing door to door collection with M.C Ghumarwin. 	<ul style="list-style-type: none"> Facility:- Plastic waste so generated is is being sent to A.C.C. Barmana disposed in kiln. 4 nos. of manpower deployed by local body and 17 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
20	Shri Naina Devi Ji	<ul style="list-style-type: none"> Population – 1204 (as per 2011 census). Total number of wards in the area under jurisdiction is 7. 	<ul style="list-style-type: none"> This MC has started segregation at source and plastic waste is being sent for co-processing to ACC 	<ul style="list-style-type: none"> 28 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		<ul style="list-style-type: none"> Total no of house hold in the area is under jurisdiction and covered by D2D collection is 323. Total number of commercial establishments and institution in the area under jurisdiction and covered by D2D collection is 303 & 4 The total waste generated is 27.00 MT and collected is 26.71 MT. 	<p>Barmana.</p> <ul style="list-style-type: none"> 8 no. sanitation workers deployed through contractor for collection of D2D waste. 	<ul style="list-style-type: none"> Difficulties: - Shortage of staff.
21	N.P. Talai	<ul style="list-style-type: none"> Population – 2372 (as per census 2011). Total number of wards in the area under jurisdiction is 7. Total no of household in the area is 484 (as per census 2011) and 700 at present and covered by D2D collection is 700. Total number of commercial establishment is about 350 and institutions is 17 in the area under jurisdiction and D2D Collection commercial is about 350 and institutions is 17 The total waste generated and collected is 2.5. 	<ul style="list-style-type: none"> Plastic waste is being sent to ACC Barmana. Most of the plastic waste is being collected by the rag pickers and remaining by the safai karamchari. 	<ul style="list-style-type: none"> Plastic waste is being sent to ACC Barmana. 5 nos. of safai karamchari deployed by local body and 18 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
22	M.C. Mandi	<ul style="list-style-type: none"> Population – 41375. Total number of wards in the area under jurisdiction is 13. Total no. of household in the area under jurisdiction and D2D collection is 6800. Total number of commercial and institutions in the area under jurisdiction is commercial 2000 approx. & 	<ul style="list-style-type: none"> MOU signed with ACC Barmana for management of Plastic waste. Shredder machine= 1 no., Bailing Machine- 1 no., Trommel Machine-1 no. 	<ul style="list-style-type: none"> Infrastructure required:- Sill labour for operation of new machine. Quantity of inert or rejects sent to landfill sites during the year 300 ton. Facilities- ACC Barmana, Use as alternate fuel. 32 nos. of manpower deployed by local body and 104 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		<p>institutions 100 approx.</p> <ul style="list-style-type: none"> • Number of commercial and institutions covered by door to door collection is 100%. • Quantity of plastic waste generated and collected 500 tones and recycling 200 ton (through rag picker). 		
23	M.C. Sundernagar	<ul style="list-style-type: none"> • Population – 24322. • Total number of wards in the area under jurisdiction is 13. • Total no of household in the area is 6698 and covered under D2D collection in 6322. • Total number of commercial and institutions in the area under jurisdiction is 8 and covered by door to door collection is 100%. • The total waste generated and collected is 25 tones and channelized for recycling 25 tons during the year 	--	<ul style="list-style-type: none"> • 9 nos. of manpower deployed by local body and 74 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties- Lack of SWM expert.
24	M.C. Nerchowk	<ul style="list-style-type: none"> • Population – 8528. • Total numbers of ward in the area under jurisdiction 9. • Nos. of household in the area under jurisdiction is 2300 approx. and 100% are covered by D2D collection. • No. of commercial establishments is 1000 (approx.) and institutional is 50 (approx.) in the area of jurisdiction and covered by door to door collection is 100%. • The total plastic waste generated is 25 ton and 	<ul style="list-style-type: none"> • MOU signed with ACC Barmana for management of plastic waste. • Bailing Machine – 1No. 	<ul style="list-style-type: none"> • Infrastructure required- Skill labour for operation of new Machine. • Quantity of inert or rejects sent to landfill sites during the year is 10 Ton. • Facilities:-ACC Barmana, Use as alternate fuel. • 25 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		collected is 10 tones.		
25	N.P. Sarkaghat	<ul style="list-style-type: none"> Population –5575. Total number of wards in the area under jurisdiction is 7. Total no of house hold in the area under jurisdiction is 1600 & D2D collection is 1400. Total number of commercial establishments is 247 approx. and institutions are 1 in the area under jurisdictions & covered under D2D collection is 100%. The total waste generated is 0.2 ton during the year. 	<ul style="list-style-type: none"> Municipal Council Sarkaghat is assigned work of sanitation and D2D collection to CLC service. The CLC service is engaged 25 nos. of safai karamchari. Temporary MRE has been setup. 	<ul style="list-style-type: none"> Infrastructure required:- 0.2 ton. 5 nos. of regular safai karmchari & 25 safai karamchari through CIC for this work deployed by local body and city livelihood center Municipal Council Mandi who has engaged 25 nos. of safai karamchari deployed by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.
26	N.P. Jogindernagar	<ul style="list-style-type: none"> Population – 5337. Total number of wards in the area under jurisdiction is 7. Total no of household in the area is 1776 and covered by D2D collection is 85%. Total number of commercial establishments is 534 and institutions is 27 in the area of jurisdiction and covered by D2D collection is 593. The total plastic waste generated is 0.645 ton during the year. Plastic waste collected during the year 2019-20 is 0.645 ton. Plastic waste channelized for recycling - Cement factory Barmana, Bilaspur. 	<ul style="list-style-type: none"> By the contractor safai karamcharies 	<ul style="list-style-type: none"> Facilities- ACC Barmana Bilaspur HP 9 nos. of manpower deployed by local body and 15 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Action Plan:- Yes, Bailing Machine.
27	N.P. Rewalsar	<ul style="list-style-type: none"> Population- 1821. Total number of wards in the area under jurisdiction is 7. 	<ul style="list-style-type: none"> MOU signed with ACC Barmana for management of 	<ul style="list-style-type: none"> Infrastructure required:- Skill labour for operation of new machine. Facilities- ACC Barmana, Use as alternate fuel.

		<ul style="list-style-type: none"> • Total no. of household in the area in the area under jurisdiction and covered D2D collection in 500. • Total number of commercial establishment is 436 and institutions is 7 in the area under jurisdiction and covered by D2D collection is 100%. • The total waste generated and collected is 17.820 ton. 	<ul style="list-style-type: none"> • Plastic. • Bailing machine - 1 no. 	<ul style="list-style-type: none"> • 4 nos. of manpower deployed by local body and 12 no. of manpower is deployed by contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
28	N.P. Karsog	<ul style="list-style-type: none"> • Population- 2010. • Total number of wards in the area under jurisdiction is 7. • Total no. of household in the area under jurisdiction and covered by D2D collection is 730. • Total number of commercial is 300 approx. and institutions is 20 approx. in the area under jurisdiction and covered by D2D collection is 100%. • Quantity of plastic generated during the year from area under jurisdiction and collected is 100 ton. • Plastic waste channelized for recycling during the year is 10 ton (through Rag pickers) 	<ul style="list-style-type: none"> • MOU signed with ACC Barmana for management of Plastic. • Bailing machine - 1 no. 	<ul style="list-style-type: none"> • Infrastructure required:- Skill labour for operation of new machine. • Facilities- ACC Barmana, Use as alternate fuel. • 13 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
29	M.C. Kullu	<ul style="list-style-type: none"> • Population- 18536. • Total number of wards in the area under jurisdiction is 11. • Total no of household in the area is approx. 6000. • All household covered by door to door collection. • Total number of commercial 	<ul style="list-style-type: none"> • Sanitary service and D2D garbage collection is on outsource basis and for the management of plastic waste plastic buy back scheme is being run under which 	<ul style="list-style-type: none"> • Facilities:- Processing and disposal of plastic waste sent to waste Energy Plant Rangri at Manali, Plant is being run by M/s Nextgen Chemical, Bombay. • 28 nos. of manpower deployed by local body and 97 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		<p>establishment approx. 850 and institutions approx. 150 in the area under jurisdiction and all covered by door to door collection.</p> <ul style="list-style-type: none"> The total waste generated is 7 ton and collected 7 Ton. 	<p>plastic @ 75/- per Kg is being bought from local and rag pickers.</p> <ul style="list-style-type: none"> Plastic waste is being sent to Energy plant Rangri, at Manali. 	<ul style="list-style-type: none"> Difficulties- It's all manual, technology should be made available. Local body is not financially sound. Action Plan:- Not D2D segregation garbage collection of dry and wet waste is being collected from all ward and sent to waste to energy plant, Manali, FCA case is under process SWM site.
30	M.C. Manali	<ul style="list-style-type: none"> Population 8095 Total number of wards in the area under jurisdiction is 7. Total no of household in the area under jurisdiction is 2185 and covered by D2D collection 100% Total no. of Commercial establishments is 287 Hotels & 100% are covered by D2D collection 2000 MT waste generated and collected 2000 MT. Waste channelizes for recycling 60 ton and use during the year nil and inert or rejects sent to landfill sites during the year is 8100 MT approx.. 	<ul style="list-style-type: none"> Work have been outsourced to M/s nextgen Chemicals they have deployed 14 nos. Tata maxima and 42 nos. Safai Karamchhari for D2D collection. The plastic waste sent for incineration to ACC Barmana. From year June 2013 to Dec. 2019. The Council has handed over 194.11 tons of plastic waste to ACC Barmana costing Rs. 14,53,136/-. Further the Council has transported 715.18 tons reject plastics and other segregated materials to Punjab, costing Rs. 67,39,719/- The Council has signed MOU with M/s Nextgen Chemicals to setup waste to energy plant at Manali and site has been handed over to said company. The said company sent 197 ton of RDF to 	<ul style="list-style-type: none"> Infrastructure required:- Site handed over to Nextgen chemical to produce energy from waste. Facilities:- The waste to energy project is being established at Manali which shall be made operational by 30th June 2020as assured by the promoter of the company. By now the company has made plant operational upto processing of RDF. 27 nos. of regular safai Karamcharis deployed by local body, 15 nos. of Outsourced safai Karamcharis and one No. Sanitary Supervisor deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Contractor has deployed 43 Nos. safai karamchhari. Difficulties- The local residents are not fully cooperating to segregate the waste at source and waste collector is facing unnecessary arguments. The people are being awarded through IEC programme to resolve the burning issue to Solid Waste Management by now 80% of target have been achieved and to achieve 100% target it will take some time.

			ACC Barmana and Utratech Baga Plant for incineration.	
31	N.P. Bhunter	<ul style="list-style-type: none"> • Population- 4475. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area under jurisdiction is approx. 1320 and D2D collection 100% • Total number of commercial and institutions in the area under jurisdiction and covered by D2D collection is approx. 401 and 01. 	<ul style="list-style-type: none"> • Collected through D2D in segregated manner and Plastic waste is sent to ACC Cement Plant Barmana Distt. Bilaspur. • Jan Sewa Sansthan Kullu is involved in D2D collection. • Plastic waste sent to ACC cement Plant Barmana , Bilaspur and Nagar Panchyat Bhuntar also sent plastic waste to energy project Rangri Manali 	<ul style="list-style-type: none"> • Facility I-Nexgen Chemical- Mumbai at Rangri (Manali) Distt.-Kullu. • Waste of energy • Facility II- ACC Cement Plant Barmana, Distt,- Bilaspur • 04 nos. of manpower deployed by local body and 28 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties- Financial problem.
32	N.P. Banjar	<ul style="list-style-type: none"> • Total Population 1414 (as per census and 4000 at present. • Total number of wards in the area under jurisdiction is 7 • Total no of household in the area under jurisdiction and covered by D2D collection is 1100. • Total no. of Commercial Establishments 300 and Institutions 20 and are covered 100% in D2D collection. • Quantity of plastic Waste generated .2 ton and collected is .2 ton during the year. • Waste channelizes for recycling 50 and use during the year 60. 	<ul style="list-style-type: none"> • D2D collection collected by the labour of contractor manually. 	--

33	M.C. Una	<ul style="list-style-type: none"> • Population- 18722 as per census 2011. • Total number of wards in the area under jurisdiction is 11. • Total no of household in the area under jurisdiction is 3900. • Total no. of commercial establishments and institutions-2790 and all are covered under D2D collection system. • The total waste generated 3260 Kg and collected 3260 Kg • Waste channelized for recycling- send to Alter Cement Plan. 	<ul style="list-style-type: none"> • D2D collection of plastic waste by safai Karamchari. • The plastic waste so collected is compacted through baling machine and finally sent to cement factory having M.O.U. 	<ul style="list-style-type: none"> • Quantity of inert or rejects sent to landfill sited during the year 0.70 ton. • 04 Nos. of safai karamchari deployed by local body and 70 nos. manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- MC can collect the garbage in segregated manner with the cooperation of general public.
34	M.C. Santokhgarh	<ul style="list-style-type: none"> • Population- 9363 • Total number of wards in the area under jurisdiction is 9. • Total no of household in the area is 1901. • Total nos. of households covers under D2D collection 1850. • Total number of commercial and institutions in the area under jurisdiction is nil and covered under D2D started is 400. • Quantity of Plastic generated during the year is 3Qtl and collected 1.5 Qtl. • Channelized for recycling & use during the year- Garbage is being collected in mixed form and dumped 	<ul style="list-style-type: none"> • Outsource. • M.C. Office. 	<ul style="list-style-type: none"> • 03 nos. of manpower deployed by local body and 35 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- M.C. can collect the garbage in segregated manner with the cooperation of public. • Action Plan: - D2D collection have been started in 9 wards. M.C. has started segregation of waste at source into two portion i.e. biodegradable & non-biodegradable waste w.e.f. 01.01.2019. About 3qtls segregated waste is being collected and hazardous waste is being collected separated.

		the same through land fill.		
35	N.P. Daulatpur Chowk	<ul style="list-style-type: none"> Total population 3763. Number of wards in the area under jurisdiction is 7. No of household in the area is 1014. Commercial establishments under area of jurisdiction 817 and covered by D2D collection is 592. Plastic waste generated 2924 kg and is 2924 kg during the year. 	<ul style="list-style-type: none"> By Nagar Panchayat Karamchari through contractor. 	<ul style="list-style-type: none"> 18 nos. of manpower deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
36	N.P. Gagret	<ul style="list-style-type: none"> Total population 3850 as per census 2011 + 1500 floating. Number of wards in area 7. No. of household in the area are 874 and covered by D2D collection is 7. Total number of commercial is 569 and institutions is 32 in the area under jurisdiction and covered under D2D collection is 569 and institutions is 32. Plastic waste generated is 2.5 ton and collected Approx. 2.5 ton during the year. 	<ul style="list-style-type: none"> Through Sanitation contractor Sh. Sher Singh. The waste which is being generated in NP Gagret is manually collected and transported through N.Ps vehicle. 	<ul style="list-style-type: none"> Infrastructure required:- Shredding machine (for dry waste). 18 Nos. Safai karamcharis are deployed by the contractor for collection including street, sweeping, secondary storage transportation, processing and disposal of waste. Difficulties:- NP Gagret is managing plastic waste solid waste properly but the people of adjoining Gram Panchayats/floating populations are unauthorized throwing the plastic waste & solid waste which requires to be controlled by the Administration. More funds are required to effectively manage the plastic & solid waste Management. As the sources of income of Nagar Panchayat are limited.
37	N.P. Mehatpur	<ul style="list-style-type: none"> Total population 9218. Number of wards 9. Nos. of household is 2560 and covered by D2D collection is 2560. Total number of commercial 	<ul style="list-style-type: none"> Being collecting D2D and also purchasing under bye back policy. 	<ul style="list-style-type: none"> Infrastructure required- Bailing machine. Facilities:- Being stored in collection centre and sent to ultra tech cement factory Bagga. 09 nos. of manpower deployed by local body and 23 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and

		<p>is 521 and institutions are 115 in the area under jurisdiction and covered by D2D collection is 100%.</p> <ul style="list-style-type: none"> The total plastic waste generated 06.00 Tons and collected is 06.00 Ton. 		disposal of waste.
38	N.P.Tahliwal	<ul style="list-style-type: none"> Total population 3565 (as per census 2011). Number of wards in the area under jurisdiction is 7. No. of household in the area of jurisdiction is 991. No. of commercial establishments and Institutions in the area of jurisdiction is 435 and covered by D2D collection 410. Quantity of plastic waste generated during the year is 0.09 MT and collected 0.09 MT. 	<ul style="list-style-type: none"> Plastic waste collected separately in DRD collection, 6 persons deployed for D2D collection. NP purchase Single Use Plastic @75 per Kg. Bailing machine/12 no. Tricycle. 	<ul style="list-style-type: none"> 12 nos. of manpower deployed by local body and for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
39	M.C. Hamirpur.	<ul style="list-style-type: none"> Population-17604. Number of ward 11. Nos. of household in the area under jurisdiction is 4066. Total number of commercial and institutions are 2124 in the area under jurisdiction and covered by D2D collection is 100%. Quantity of plastic waste generated and collected during the year is 37560 Kg. 	<ul style="list-style-type: none"> The plastic collected through safai Karamchari and sent to ultra tech cement baga. Bailing Machine, Shredder. 	-----
40	M.C Sujanpur	<ul style="list-style-type: none"> Total population 7943. Number of wards 9. Nos. of household in the area is 1678. 	<ul style="list-style-type: none"> Plastic waste bundle is made by Manual Method. Single use plastic collection 	<ul style="list-style-type: none"> 40 nos. of Sanitation workers engaged by local body and 40 nos. of Sanitation workers provided by contractor for street sweeping, collection, transportation, processing and disposal of waste.

		<ul style="list-style-type: none"> Total number of commercial and institutions in the area under jurisdiction and also covered by D2D collection is 617. The total plastic waste generated and collected is 7 tons during the year. 	centre opened in M.C. Sujanpur.	<ul style="list-style-type: none"> Difficulties: - <ul style="list-style-type: none"> i. Electricity & Water arrangements at Dump site. ii. Topography of SWM Plant site. iii. Expenditure for development of SWM plant site.
41	N.P. Nadaun	<ul style="list-style-type: none"> Total population 4430. Number of wards 7. Nos. of household in the area is 1103. Total number of commercial and institutions in the area under jurisdiction and also covered by D2D collection is 693. The total waste generated 30 ton. 	<ul style="list-style-type: none"> Out Source. Bailing Machine. 	<ul style="list-style-type: none"> 03 nos. of safaikaramchari deployed by contractor for street sweeping, collection, transportation, processing and disposal of waste. Difficulties: Required supervisor
42	N.P. Bhota	<ul style="list-style-type: none"> Total population 1453. Number of wards 7. Total Nos. of household in the area is 340. Number of Commercial establishments is 250 and institutions is 02 and all are covered under Door to Door Collection. Total waste generated and collected 0.1 tons. 	<ul style="list-style-type: none"> Nagar Panchayat Bhota has awarded the work of sanitation /D2D collection to M/s Eagal Scout Security service who has engaged 07 nos. of Safai karamcharies for this work & these safai karamcharies are collecting the plastic waste separately in bags. Temporary MRF has been setup. 	<ul style="list-style-type: none"> Infrastructure required:- Three compartment has been constructed and shed for collection centre of plastic waste. 7 nos. of Safai Karamchari deployed through contractor on outsourced basis. M/s Eagal Scout Security service who has engaged 07 nos. of safai karamcharies for street sweeping, collection, transportation, processing and disposal of waste. Difficulties: Land is not available for the construction of structure for the collection and processing of plastic. Action Plan:- Not Prepared.
43	M.Corp. Dharamshala	<ul style="list-style-type: none"> Total population 53543. Number of wards 17 wards. Number of household in the area of jurisdiction & 	<ul style="list-style-type: none"> 23 nos. rag pickers and sanitary workers engaged for plastic waste collection 	<ul style="list-style-type: none"> Infrastructure required:- Heavy duty Plastic Shredder. Facility:- DMC has collected 45797 Kgs. Single use plastic, and 28114 Kgs Handed over to

		<p>covered under D2D collection 13017.</p> <ul style="list-style-type: none"> Number of commercial establishments and institutions in the area under jurisdiction is 3872 and covered by D2D collection 3872. Plastic waste generated during the year 5 ton approx. and collected during the year 3 ton. 	<ol style="list-style-type: none"> 32. Nos. workers (Express House Keepers). 80 nos. workers (Shri Garuna management). 32 Nos. workers (Vishal Protection force). <ul style="list-style-type: none"> Bailing Machine, Tromal Machine, MRF facilities and 4 nos. single use plastic collection center. 	<p>Ambuja Cement Company Daralaghat H.P. 1 No. of Baling Machine and 1 No. of trammel Machine.</p> <ul style="list-style-type: none"> 11 nos. of Sanitation workers engaged for road sweeping by local body and 267 nos. of manpower are provided by contractor for street sweeping, collection, transportation etc.
44	M.C. Kangra	<ul style="list-style-type: none"> Total population 9528. Number of wards 9 wards. Number of household in the area of jurisdiction and covered under D2D collection is 1771. Number of commercial is 823 and institutions is 50 in the area under jurisdiction and 100% covered by D2D collection. Plastic waste generated during the year 182.5 ton approx. Plastic waste collected during the year is 648 Kg single use plastic through Reg Pickers. 	<ul style="list-style-type: none"> 6 no. Rag pickers and sanitary workers engaged for plastic waste collection. 	<ul style="list-style-type: none"> Infrastructure required:- Plastic bailing machine required. 9 nos. sanitation workers engaged for road sweeping by local body. Sanjay Kumar (Solid Waste Management Plant) Sunil Kumar (Road Sweeping) and Sanjeev Kumar (D2D Collection by Contractor).
45	M.C. Palampur	<ul style="list-style-type: none"> Total 40385 population. Number of wards in the area is 15. Total number of households 8000 approx. and 8000 approx. covered under d2d collection. Number of commercial 	<ul style="list-style-type: none"> Municipal corporation Palampur has awarded the work of sanitation and D2D collection to contractors who has engaged Safai Karamchari for this work and 8 nos. reg. 	<ul style="list-style-type: none"> Infrastructure required:- Plastic bailing machine required. Facility:- Single use plastic is sent to the Ambuja Cement Company and other plastic waste is collected by the rag pickers and sweeper and sale to junk dealers. 6 nos. sanitation workers and 1 no. Driver. Difficulties: -There is problem of segregation as

		<p>establishment is 2700 approx. and institutions in the area under jurisdiction 120 approx. and covered by D2D collection is 100%.</p> <ul style="list-style-type: none"> Total waste generated 4 tons approx. and plastic waste collected 2808 kg Single Use Plastic collected through Rag Picker. 	<p>Pickers are registered.</p> <ul style="list-style-type: none"> MC Palampur has collected 2800Kg SUP buy back policy through rag pickers and other plastic waste is collected rag picker and sweeper and sale to junk dealer. 	<p>people are not giving the segregate waste in the newly merged area, hence the manpower is engaged in this.</p> <ul style="list-style-type: none"> Action Plan:- <ul style="list-style-type: none"> i. New MRF Structure is being created and tender has been awarded vide letter 2279 dt 06.03.2021 for construction on same. ii. 10 kanal of land has been identified and same NOC is being collected from the different department. iii. 42 Kanal land has also been identified at Aima for expansion of SWM Plant and it has been send to SDM Palampur for necessary action.
46	M.C. Nurpur	<ul style="list-style-type: none"> Total population 9807. Number of wards 9 wards. Number of household 2160. Number of household covered 2160. Number of commercial and institutions in the area of jurisdiction and covered under d2d is 730. Total waste generated and collected 38 kg. 	--	<ul style="list-style-type: none"> 9 nos. of manpower deployed by local body and 38 nos. of contractor are employed for street sweeping, transportation etc. Action Plan- Action plan is under process
47	M.C. Nagrota	<ul style="list-style-type: none"> Total population 5900 as per census 2011. Number of wards 7. Number of household covered in the area of jurisdiction is 1691 & covered by d2d collection is 1350. Number of commercial establishment and institutions in the area of jurisdiction 977 and covered by D2D collection is 880. Total waste generated approx. 1.50 ton and 	<ul style="list-style-type: none"> Plastic is collected manually by Plastic of back policy. Collected manually and put into store. 	<ul style="list-style-type: none"> 7 nos. of manpower are provided by local body and 18 nos. of manpower deployed by contractor for sweeping of street etc. Difficulties- Lack of sanitation.

		collected 0.25 tone.		
48	M.C. Dehra	<ul style="list-style-type: none"> • Population - 4816. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area and covered by door to door collection is 1221. • Total number of commercial establishment is 349 and institutions is 32 in the area under jurisdiction and covered under d2d collection commercial establishment is 342 and institutions is 32 • Quantity of plastic waste generated during the year 0.72. • Waste collected during the year 0.54 tons. • Waste channelizes for recycling and use during the year 0.54 tons and sent to land fill site 0.18 tons. 	<ul style="list-style-type: none"> • Door to door collection. • Manually. 	<ul style="list-style-type: none"> • Inert or reject sent to landfill sites :- .18. • Facility:-Collection through Kg and sanitation workers and disposal at Ambuja Cement factory Darlaghat. • 15 nos. of manpower deployed by local body and for the collection, storage, sweeping of street etc. Name of contractor J.K. Enterprises. • Difficulties- No sanitary Supervisor/Inspector in MC
49	M.C. Jawalamukhi	<ul style="list-style-type: none"> • Population - 5361. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area is 1438. • Number of household covered by door to door collection is 1350. • Total number of commercial and institutions in the area under jurisdiction and covered under d2d collection is 526. • Quantity of plastic waste generated is 1.50 tone and quantity of plastic collected is .25 Ton & channelizes for 	<ul style="list-style-type: none"> • Plastic collection in manually and plastic by back policy. • Collected manually and put in store. 	<ul style="list-style-type: none"> • Intert or rejects sent to landfill sites is .070 ton. • Infrastructure required- Shadring, Baling Machine. • 09 no. of manpower deployed under local body and 37 nos. by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste. • Difficulties: - Lack of sanitation staff.

		recycling during the year 0.25 ton.		
50	N.P.Baijnath-Paprola	<ul style="list-style-type: none"> • Population - 17382. • Total number of wards in the area under jurisdiction is 11. • Total no of household in the area is 4020 and covered by door to door collection is 100%. • Total number of commercial and institutions in the area under jurisdiction is approx. 1283 and covered under d2d collection 1283. • Quantity of plastic waste generated and collected 20 Ton. • Waste channelizes for recycling 10617 Kg and use during the year 11 Ton. 	<ul style="list-style-type: none"> • For Plastic waste 08 no. of Ragpicker are requested and NP purchase single use Plastic @ 75/ Kg and Mahalaxmi enterprise. 	<ul style="list-style-type: none"> • Facilities used for Processing and disposal of plastic waste-Cement plant Darlaghat. • Manpower deployed by local body 44 nos.and contractor 44 nos. for collection including street sweeping, storage, transportation etc.
51	NP Jawali	<ul style="list-style-type: none"> • Population – 10788. • Total number of wards in the area under jurisdiction is 9. • Total no. of household in the area under jurisdiction is 1450 and covered by D2D collection is 1450. • Total number of commercial establishment and institutions in the area under jurisdiction 900 and institute 7 and 100% covered by D2D collection. • Quantity of plastic waste generated 186.5 Tons approx and 250 Kg single use plastic collected through Reg Pickers. 	<ul style="list-style-type: none"> • 6 no. Reg pickers and sanitary workers engaged for plastic waste collection. • Plastic bailing machine 	<ul style="list-style-type: none"> • M/s Hurricane Security agency Pvt. Ltd provide manpower for street sweeping, storage transportation etc.
52	M.C. Chamba	<ul style="list-style-type: none"> • Population – 19932. • Total number of wards in the 	<ul style="list-style-type: none"> • By Muncipal Contractor. 	<ul style="list-style-type: none"> • Infrastructure Required- Shredder Machine required.

		<p>area under jurisdiction is 11.</p> <ul style="list-style-type: none"> Total no of household in the area under and covered by door to door collection is 4023. Total number of commercial establishment is 400 and institutions is 62 in the area under jurisdiction and 100% covered by door to door collection. Total waste generated is 4 Tons and collected 4 Tons. Waste channelized for recycling Nil and for use is 4 tons. 	<ul style="list-style-type: none"> Plastic collection centre establishment. 	<ul style="list-style-type: none"> Plastic buy back collection centre, office of Municipal council, near distt. Courts Chamba. 22 nos. of manpower provided by local body and 72 nos. of manpower provided by contractor for street sweeping, transportation, processing and disposal of waste.
53	M.C. Dalhousie	<ul style="list-style-type: none"> Population – 7051 as per 2011 census. Total number of wards in the area under jurisdiction is 9. Total no of household in the area under jurisdiction and D2D collection is 1420. Total number of commercial and institutions in the area under jurisdiction is 170 and covered under d2d collection is 165. Total plastic waste generated during the year is .79 Ton and collected .79 Ton. Waste channelized for recycling Nil and for use is .79 tons and inert or rejects sent to landfill sites in the year is 0.4 ton. 	<ul style="list-style-type: none"> The plastic waste after bailing sent to the Cement factory and the agency name God will executors has been engaged for D2D collection of waste. MRF kiosk has been constructed at solid waste management site 	<ul style="list-style-type: none"> Infrastructure required:- Shredder machine is required for shredding the of plastic waste. Processing and disposal of plastic waste- <ol style="list-style-type: none"> M/s Rajinder Electrical Works for sweeping God will executors for door to door collection, transportation, processing and disposal of waste. 36 nos. of manpower provided by local body.
54	N.P. Chowari	<ul style="list-style-type: none"> Total population - 3770. Total number of wards in the area under jurisdiction is 7. Number of household 	<ul style="list-style-type: none"> Outsource. N.P. Chowri. 	<ul style="list-style-type: none"> 6 nos. of manpower is deployed by local body and 18 nos. by contractor for the collection, storage, transportation etc. Difficulties:- collect the garbage in segregated

		<p>approx. 1585 and covered by door to door to collection approx. 200.</p> <ul style="list-style-type: none"> • Commercial establishments 01 and institutions 15 Nos. • Number of commercial establishments and Institutions covered by door to door collection – Commercial establishments - nil – Institutions 05 • Total plastic waste generated during the year is .210 ton and collected is 02 ton. • Waste channelized for recycling is .010 ton and use during the year is .210 ton. 		<p>manner with the cooperation of public.</p> <ul style="list-style-type: none"> • Action Plan:- D2D collection have been started in 2wards and it will be covered all the N.P. Area as soon as possible.
55	Cantonment Board Jatogh	<ul style="list-style-type: none"> • Total population - 2062. • Total number of wards in the area under jurisdiction is 2. • Number of household in the area under jurisdiction is 677 including Army houses and d2d collection are covered under the jurisdiction is 100% • Commercial establishments and Institutions is 28 no. of small shops and 100% covered by door to door collection. • Quantity of plastic waste generated, collected, channelized for recycling and use during the year 0.3600 tons. 	--	<ul style="list-style-type: none"> • 15 nos. of safaiwala, 01 no. mazdoor deployed by local body and 10 nos. of manpower deployed by contractor for street sweeping, collection, storage and transportation, processing and disposal of waste. • Action Plan:- The draft solid waste management by law has been prepared by the office and sent to higher authorities for sanction the same will be shared after approval.
56	Cantonment Board Kasauli	<ul style="list-style-type: none"> • Total population - 3885. • Total number of wards in the area under jurisdiction is 6. • Number of household in the 	<ul style="list-style-type: none"> • There is ban to use polythene bag & single use plastic in Kasauli Cantt. 	<ul style="list-style-type: none"> • Facilities:- Cantt. Board Kasauli, Distt.- Solan • Cantt. Board Kasauli employees deployed by local bodies and Contractor for street sweeping, collection, storage and transportation, processing

		<p>area of jurisdiction and covered under d2d collection 476.</p> <ul style="list-style-type: none"> • Total plastic waste generated and collected is Nil during the year. • Total number of commercial establishments is 75 and Institutions is 2 in the area under jurisdiction and covered by door to door collection is 100%. • Quantity of plastic waste generated, collected, channelized for recycling and use during the year 3.50 ton. 		and disposal of waste.
57	Cantonment Board Yoh	<ul style="list-style-type: none"> • Population – 12028 as per census 2011. • Total number of wards in the area under jurisdiction is 7. • Number of household in the area of jurisdiction – 1476 and covered by D2D is Nil. • Number of commercial establishment is 351 and institution is 14 in the area of jurisdiction. 	--	<ul style="list-style-type: none"> • 17 nos. of manpower deployed by local body and 36 nos. of manpower deployed by contractor for the sweeping of street, collection, storage etc. • Difficulties – Paucity of fund.
58	Cantonment Board Dalhousie	<ul style="list-style-type: none"> • Total population - 3549. • Total number of wards in the area under jurisdiction is 6. • Number of household in the area under jurisdiction is 146+ Military residential establishments and 100% covered under d2d collection. • Total number of commercial establishments and Institutions in the area under 	<ul style="list-style-type: none"> • Segregation Plastic waste is being stored for its auction to Authorized agencies. 	<ul style="list-style-type: none"> • Manpower deployed 42 nos. of authorized strength by local body and 46 nos. of manpower are deployed by contractor for the collection including street sweeping, secondary storage, transportation, processing and disposal of waste.

		<p>jurisdiction is 70 (67 shops/stores, 01-School, 01-Hospital & 01 Guest house) and 100 % covered under door to door collection.</p> <ul style="list-style-type: none"> Quantity of plastic waste generated, collected and channelized for recycling during the year 0.2 ton. 		
59	Cantonment Board Bakloh	<ul style="list-style-type: none"> Total Population - 1805. Total number of wards in the area under jurisdiction is 2. No of household in the area of jurisdiction is 214 + Military residential establishments. Total number of commercial establishment is 13 and institutional is 05 shops/store (03 school, 01 Hospital and 01 Guest House) & covered by d2d collection 13 and institutional is 05 shops/store (03 school, 01 Hospital and 01 Guest House). Quantity of plastic waste generated, collected and channelized for recycling during the year 0.1 ton. 	<ul style="list-style-type: none"> Segregated Plastic waste is being stored for its auction to Authorized agency. 	<ul style="list-style-type: none"> 19 nos. of authorized strength deployed by local body and 03 nos. of manpower deployed for the collection including street sweeping, secondary storage, secondary storage, transportation, processing and disposal of waste.
60	Cantonment Board Subathu	<ul style="list-style-type: none"> Total Population - 3685. Total number of wards in the area under jurisdiction is 6. No of household in the area of jurisdiction and covered in D2D collection 830. Number of commercial establishments and institutions in the area of 	<ul style="list-style-type: none"> There is ban to use polythene bag and single use plastic in Subathu Cantt. Material recovery facility at SWM Plant, Subathu. 	<ul style="list-style-type: none"> Facility:- SWM Plant Cantt. Board Subathu, Distt.- Solan 15 nos. of manpower deployed by the local body for the collection including street sweeping, secondary storage, secondary storage, transportation, processing and disposal of waste.

		<p>jurisdiction is 250 and covered by D2D collection is 100%.</p> <ul style="list-style-type: none"> • Total waste generated and collected is 30 ton. • Quantity of plastic waste channelized for recycling is 26.5 ton and use is 3.5 tons during the year 		
61	Cantonment Board Dakshai	<ul style="list-style-type: none"> • Population - 2904. • Total Numbers of the wards in the area under jurisdictions 6. • Total Numbers of Households in the area under jurisdiction & covered by door to door collection 577. • Total number of commercial establishments is 28 and Institutions is 02 in the area under jurisdiction and 100% covered by door to door collection. • Total waste generated and collected is 0.61 ton. • Quantity of plastic waste channelized for recycling and use during the year is 0.61 ton. 	<ul style="list-style-type: none"> • There is ban to use plastic in Dagshai Cantt. 	<ul style="list-style-type: none"> • Facilities:- Cant. Board Dagshai Distt. Solan, H.P. • 26 nos. of employees are deployed by local body for the collection including street sweeping, secondary storage, transportation, processing and disposal of waste.

Note:- The information in the statement is compiled based on the reports field by local Bodies/concerned Regional Officer of the State Board