

Annual Report
Plastic Waste Management Rules, 2016,
For the year – 2019-20

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. 3672 TPA	---	---	9	---	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	1 Meeting has been done till date.	---	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. 1811 TPA	---	---	46	16	--do--	--do--	--do--	--do--	--do--	---	Total ULB—5 Municipal Authority Submitted Annual Report 1. MC Solan 2. Parwanoo
Regional Officer HPPCB Sirmour (Paonta Sahib)	Approx. 669 TPA	---	---	8	02	--do--	--do--	--do--	--do--	--do--	---	Total ULB—3 Municipal Authority Submitted Annual Report 1. MC Nahan 2. MC Paonta 3. NP Rajgarh
Regional Officer HPPCB Bilaspur	Approx. 304 TPA	---	---	2	---	--do--	--do--	--do--	--do--	--do--	---	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. 1847 TPA	---	---	4	---	--do--	--do--	--do--	--do--	--do--	---	Total ULB—7 Municipal Authority Submitted Annual Report 1. MC Mandi 2. MC Sundernaga

												<ul style="list-style-type: none"> r 3. NP Sarkaghat 4. NP Rewalsar
Regional Officer HPPCB Kullu	Approx. 1488 TPA	---	---	3	---	--do--	--do--	--do--	--do--	--do--	---	Total ULB—4 Municipal Authority Submitted Annual Report <ul style="list-style-type: none"> 1. MC Kullu 2. MC Manali 3. NP Bhunter 4. NP Banjar
Regional Officer HPPCB Una	Approx. 814 TPA	---	---	7	06	--do--	--do--	--do--	--do--	--do--	---	Total ULB—6 Municipal Authority Submitted Annual Report <ul style="list-style-type: none"> 1. MC Una 2. NP Tahliwal
Regional Officer HPPCB Hamirpur	Approx. 344 TPA	---	---	---	---	--do--	--do--	--do--	--do--	--do--	---	Total ULB—4 Municipal Authority Submitted Annual Report <ul style="list-style-type: none"> 1. MC Hamirpur 2. MC Sujampur 3. NP Nadaun 4. NP Bhota

Regional Officer HPPCB Kangra	Approx. 2007 TPA	---	---	---	---	--do--	--do--	--do--	--do--	--do--	---	Total ULB—9 Municipal Authority Submitted Annual Report 1. MC Nagrota 2. MC Jawalamuk hi 3. MC Palampur 4. MC Nurpur 5. MC Dehra 6. NP Baijnath 7. MC Dharamshal a
Regional Officer HPPCB Chamba	Approx. 457 TPA	---	---	---	---	--do--	--do--	--do--	--do--	--do--	---	Total ULB—10 Municipal Authority Submitted Annual Report 1. MC Chamba 2. MC Dalhousie 3. NP Chowari

Cantonment Boards	270 TPA approx..	---	---	---	---	--do--	--do--	--do--	--do--	--do--	---	<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
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Note: - The information in the statement is compiled based on the reports field by Local Bodies /concerned Regional Officer of the state Board.

**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- 242000. • Total number of wards in the area under jurisdiction is 34. • Total no of house hold in the area is 36007. • D2D collection in 36007. • Total number of commercial establishments and Institutions in the area under jurisdictions& D2D is 4217. • The total waste generated and collected 10-12% (3000 tons approx.). • Waste is collected with dry waste by D2D through SEHAB Society and is transported to Waste to Energy Plant at Bhariyal where it is processed as RDF. 	<ul style="list-style-type: none"> • MC Shimla has deployed 25 pickup vehicles, 6 tippers, 8 dumper placer, 2 compactors & 2 Swatchhta vahans for collection and transportation of the waste. MC has placed 68 dumper placer and 102 Litter bins in the city. • All the collected 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. • An estimated 10-15% amounting to about 300-450 tones/annum of such waste is recycled. 	<ul style="list-style-type: none"> • All collected waste through different sources are transported to 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 2700 tons/annum. About 300-450 tons/annual is directly entering in recycle chain through rag-pickers etc. • Quantity of inert 5-8 tons/day send to landfill sites during the year. • Facility used for processing and disposal:- Facility- I i) Name of operator – M/s Elephant Energy Pvt. Ltd., Waste to Energy Plant at Bhariyal. Capacity 100 tons/day. • Gasification Technology through RDF. • Waste concession agreement is signed between MC Shimla & EEPL on 29/03/2016. • Biogas plant is also installed. • 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-96, casual workers-136, Sewer Man-25, staff at plant-4, D2D garbage collectors-484. • Difficulties- Tough topographic constraints and segregation of waste at source.
2	M.C. Rampur	<ul style="list-style-type: none"> • Population- 9239. • Total number of wards in the area under jurisdiction is 9. • Total no of house hold in the area is 3280. • D2D collection in 2560. 	<ul style="list-style-type: none"> • Polythene is being collected by registered rag pickers and sold in open market for recycling. 	<ul style="list-style-type: none"> • Manpower deployed by local body is 9 nos. and 2 nos. by contractor. 45 Nos. of safai Karamcharis. • Site for treatment of solid waste is being selected FCA case is under process. • Quantity of inert 0.005 tons send to landfill sites during the year.

		<ul style="list-style-type: none"> • Total number of commercial establishments and Institutions in the area jurisdictions is 1343 nos. and d2d is 1320. • The total waste generated is 10.05 tons and collected is 10.00 tone/ year. • 		
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 1450. • D2D collection is nil. • Total number of commercial establishments and Institutions in the area jurisdictions is 200 nos. and d2d is Nil. • The total waste generated is 0.30 tons and collected is 0.22 tone. 	<ul style="list-style-type: none"> • Plastic is being collected in separate bags regularly. 	<ul style="list-style-type: none"> • 55 nos. of manpower deployed by local body and 27 no. of manpower is deployed by contractor for the sweeping of street, collection, transportation etc. • Almost D2D collection of garbage has started and site for SWM has been identified & FCA case thereof is under process.
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 is 1545. • D2D collection in 1545. • Total number of commercial establishments is 800. • Institutions is 16 in the area under jurisdictions. • The total waste generated is 0.95 tons/day and collected 0.95 tons. 	---	<ul style="list-style-type: none"> • 19 nos. manpower provided by local body and 7 nos. of manpower provided by contractor for street sweeping, transportation of waste etc.

5	N.P. Narkanda	<ul style="list-style-type: none"> • Population-901. • Total number of wards in the area under jurisdiction is 7. • Total no of house hold in the area is 239 • D2D collection in 239. • Total number of commercial establishments is 69. • Institutions are 7 in the area under jurisdictions. • The total waste generated is 0.06 tone and collected 0.06 tone and handed to PWD. • Plastic waste is collected in separate bag. 	<ul style="list-style-type: none"> • Segregation at source & stored in NP store. 	<ul style="list-style-type: none"> • Provided by local body 4 nos. of hydraulic pickup and 3 nos. of sweepers are involved for management of plastic. • 0.03 tonne inerts or rejects sent to Landfill • Difficulties - Financial issue.
6	N.P. Suni	<ul style="list-style-type: none"> • Population – 2591. • Total number of wards in the area under jurisdiction is 7. • Total no of house hold in the area is 250. • Total No. of Commercial Establishments and Institutions in the area under jurisdiction.-250 • The total waste generated 0.5 tonne. • The total waste collected 0.5 tonne. 	<ul style="list-style-type: none"> • Segregation by private agency. 	<ul style="list-style-type: none"> • Manpower deployed 15 nos. for street sweeping, collection, transportation etc.
7	N.P. Chopal	<ul style="list-style-type: none"> • Population – 1851. • Total number of wards in the area under jurisdiction is 7. • Total nos. of household in the area and household covered under D2D are 746. • Total number of commercial and institution is 300 in the area under jurisdictions and D2D 300. • The total waste generated 	<ul style="list-style-type: none"> • Plastic materials are sold by rag picker. 	<ul style="list-style-type: none"> • 3 nos. of manpower engaged for D2D collection. • 9 nos. of sweepers are deployed by local body for street sweeping, collection, transportation etc. • Action Plan- Prepared. • Waste sent to landfill during the year Nil.

		<p>and collected is 216 Kg.</p> <ul style="list-style-type: none"> Waste channelized for recycling and for use is 216 Kg tons. 		
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 is 454. D2D collection in 7 wards. Total number of commercial establishments is 216 and institutions are 32 in the area under jurisdictions. The total waste generated is 0.05 ton and collected 0.04 tone. 	<ul style="list-style-type: none"> Waste Segregation at source and collected by private agency. 	<ul style="list-style-type: none"> 2 nos. of manpower employed by local body and 7 nos. by contractor for street sweeping, storage, transportation etc.
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 is 442. D2D collection in 442. Total number of commercial establishments is 250 and institutions are 5 in the area under jurisdictions. The total waste generated is and collected 10 Tonne 	--	Plastic waste handed over to PWD.
10	M.C. Solan	<ul style="list-style-type: none"> Population – 40000 & 10000 floating. Total number of wards in the area under jurisdiction is 15. Total no of household in the area is 9000. D2D collection in 9000. Total number of commercial establishments and 	<ul style="list-style-type: none"> Polythene collection center established for storage and sent further to HPPWD and Ambuja Cement Plant. 	<ul style="list-style-type: none"> 73 Nos. person deployed by local body and 126 Nos. deployed by the contractor street sweeping, storage, transportation etc. Submitted a DPR to integrate the MSW plant for better plastic waste management and MC has sent a separate proposal of plastic shredding machine for the production of RDF and pellets from the shredded plastic

		<p>institution in the area under jurisdiction is 1900, number of commercial establishments is 1750, and institution is 150.</p> <ul style="list-style-type: none"> • The total waste generated is 250 tonnes and 150 tonnes. • Quantity of Plastic waste channelized for recycling during the year 100 tonnes. 		
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. • Quantity of Plastic Waste Generated and collected is 0.55 tonnes 	<ul style="list-style-type: none"> • Plastic waste collected by JBR Pvt. Ltd. • Plastic waste sent to HPPWD 	<ul style="list-style-type: none"> • 60 numbers of manpower deployed by local body.
12	M.C. Parwanoo	<ul style="list-style-type: none"> • Population – 8758 and floating population of 20000 • Total number of wards in the area under jurisdiction is 9. • Total no of household in the area is 3500. • D2D collection in 3500. • Total number of commercial establishments is 500 and institutions are 36 in the area under jurisdictions. • The total waste generated is 	<ul style="list-style-type: none"> • Only Manual segregation at door steps and rest send at shimla waste management plant. 	<p>The Door to door segregated waste is being collected in all 09 wards of MC Parwanoo from every Households and 33 nos. manpower deployed for collection and disposal of waste. MC Has provided two dust bins (blue and green) to all households and to all street vendors.</p>

		740 Kg		
13	M.C. Baddi	<ul style="list-style-type: none"> • Population- 29911. • Total number of wards in the area under jurisdiction is 9 wards. • Number of Household in the area under jurisdiction 8352. • Household covered under D2D collection 8352. • Total number of commercial and institutions in the area under jurisdiction and under D2D collection 4263 each. 	<ul style="list-style-type: none"> • All the waste send to Mars Envirotech ltd. In mixed form. 	<ul style="list-style-type: none"> • 2 No. of shredder installed at SWM Site Kenduwal. • 55 safai karmchari deployed on outsource basis by Tattget Green Plant 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 wards. • D2D collection in 605. • Total 225 number of commercial and institutions in the area under jurisdiction. • There are 225 number of commercial and institutions covered by door to door collection. • Quantity of Plastic Waste Generated is 10 tonnes 	<ul style="list-style-type: none"> • All Plastic sent to Ambuja Cement Darlaghat. 	<ul style="list-style-type: none"> • Manpower 2 person are provided by local body and 15 person provided through contractor.
15	M.C. Nahan	<ul style="list-style-type: none"> • Population – 29014. • Total number of wards in the area under jurisdiction in 13 wards. • Total number of household in the area under jurisdiction in 10036. • Total number of commercial establishments and 	<ul style="list-style-type: none"> • Segregated plastic waste are sold by the rag pickers and plastic waste is also segregated at dumping site and stored of dumping site. 	<ul style="list-style-type: none"> • Shredder is required. The quantity of inert or rejects to landfill site during the year in 0.5 Tone. Collection Centre plastics materials and other materials are sold by the rag pickers whereas polythene are stored to handover to P.W.D Deptt. Local body own manpower deployed for collection including total 95 sweepers and 71 sweeping or 10 secondary storage. No Contractor or concessionary manpower deployed for collection.

		<p>institution in the jurisdiction and covered under d2d collection 2770.</p> <ul style="list-style-type: none"> Total waste generated is 0.75 TPD approx. 		<ul style="list-style-type: none"> Difficulties-Financial Constraints.
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 is 6042. D2D collection in 2544. Total number of commercial establishments and institution in the area 1480. Total number of commercial establishments and institution covered by d2d is 620. The total waste generated and collected 0.385tone. 	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Mechanisms put in place for management of plastic waste- Handed over to HPPWD for construction of road. 85 nos. of manpower provided by local body and 70 nos. of manpower is provided by contractor for sweeping of street.
17	N.P. Rajgarh	<ul style="list-style-type: none"> Population – 3083. Total number of wards in the area under jurisdiction is 7. Total no of household in the area is 928. D2D collection in 482. Total number of commercial establishments and institution in the area 914. Total number of commercial establishments and institution covered by d2d is 713. The total waste generated is 0.35 tone and collected 0.50 tone. 	<ul style="list-style-type: none"> Plastic waste are collected by the local rag pickers & sale to kabadiwala and few quantity is collected and stored by NP. 	<ul style="list-style-type: none"> Infrastructure required- Space to store plastic shredder is required. Plastic waste are collected by the local rag pickers & sale to kabadiwala and few quantity is collected and stored by NP. 8 nos. of sweepers and 1 no of driver are employed by local body for the street sweeping, second storage, collection, transportation etc. Difficulties- Financial constraints and lack of land/space, Technology, intervention e.g. Machinery.
18	M.C. Bilaspur	<ul style="list-style-type: none"> Population – 13654. Total number of wards in the area under jurisdiction is 11. 	<ul style="list-style-type: none"> MC garbage is being collected in mixed from and 	<ul style="list-style-type: none"> Facility used for processing and disposal of plastic waste- MOU is signed with ACC Barmana. 10 nos. of manpower deployed by local body and

		<ul style="list-style-type: none"> • Total no of household in the area is 3334. • D2D collection in 3250. • Total number of commercial and institutions in the area under jurisdiction is 990. • Number of commercial and institutions in the area under jurisdiction is 990. • The total waste generated 3.46 tone & collected 3.46 tonne. 	dumped the same through landfill.	10 nos. of manpower deployed by contractor for collection, sweeping of street etc.
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 is 2200. • D2D collection in 2200. • Total number of commercial and institutions in the area under jurisdiction is approx. 850. School 5 No. and Offices 16 No.s 	<ul style="list-style-type: none"> • Nil 	<ul style="list-style-type: none"> • 4 No. of manpower for collection deployed • 17 No. manpower of collector. • Required – Shredder is required.
20	Shri Naina Devi Ji	<ul style="list-style-type: none"> • Population – 1204. • Total number of wards in the area under jurisdiction is 7. • Total no of house hold in the area is 323. • D2D collection in 323. • Total number of commercial establishments and institution in the area under jurisdiction is 300 & 4. • Number of commercial establishments and institution is 300. • The total waste generated and collected is 30.00 MT/day. 	<ul style="list-style-type: none"> • 2.00 MT through rag pickers • 28.00 MT for co-processing in ACC 	<ul style="list-style-type: none"> • 28 nos. of manpower is deployed through contractor for street sweeping, secondary storage etc. • Difficulties: - Shortage of staff and financial crises of the local body.

21	N.P. Talai	<ul style="list-style-type: none"> • Population – 2372. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area is 484. • Total number of commercial and institutions in the area under jurisdiction is 367. • The total waste generated and collected is 3 tone. 	<ul style="list-style-type: none"> • --nil-- 	<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 safaikaramchari. • Manpower deployed by local body 4 safaikaramchari and 18 nos. of employees through contractor.
22	M.C. Mandi	<ul style="list-style-type: none"> • Population – 26422. • Total number of wards in the area under jurisdiction is 13. • Total no of household in the area is 6800. • D2D collection in 6800. • Total number of commercial and institutions in the area under jurisdiction is commercial 2000 & institutions 1000. • Number of commercial and institutions covered by door to door collection is commercial 2000 & institutions 1000. • Waste generated and collected 500 tones and recycling 200 tones. 	<ul style="list-style-type: none"> • MOU signed with ACC Barmana for management of Plastic waste. 	<ul style="list-style-type: none"> • Quantity of inert or rejects sent to landfill sites during the year 200 tones. • Manpower provided by local body 32 nos. and 104 nos. for street sweeping, storage etc.
23	M.C. Sundernagar	<ul style="list-style-type: none"> • Population – 24344. • Total number of wards in the area under jurisdiction is 13. • Total no of household in the area is 6698. • D2D collection in 6022. • Total 8 number of institutions in the area under jurisdiction. 	<ul style="list-style-type: none"> • -- 	<ul style="list-style-type: none"> • Manpower provided by local body 15 nos. and 55 nos. for street sweeping, storage etc. • Difficulties- Lack of SWM expert.

		<ul style="list-style-type: none"> • There are 8 number of commercial and institutions covered by door to door collection. • The total waste generated and collected is 215 tones and 215 tons collected and channelized for recycling 215 tons during the year 		
24	M.C. Nerchowk	<ul style="list-style-type: none"> • Population – 16305. • Total numbers of ward in the area under jurisdiction 11. • Nos. of household in the area 4500 approx. • 100% of household covered under D2D collection. • Total 175 nos. of commercial and institutional covered by door to door collection. 	--	<ul style="list-style-type: none"> • 35 persons through contractor are deployed for sweeping, transportation, processing etc.
25	N.P. Sarkaghat	<ul style="list-style-type: none"> • Population – 5433. • Total number of wards in the area under jurisdiction is 7. • Total no of house hold in the area is 1600 • D2D collection in 1600. • Total number of commercial establishments is 300 and institutions are 8 in the area under jurisdictions. • Covered under D2D collection commercial 300 and institutional 6. • The total waste generated is 1 ton and collected 500kg during the year. 	--nil--	<ul style="list-style-type: none"> • 5 nos. of regular employees deployed by local body for collection, street sweeping etc. Sanitation contractor labors 22 nos. • Land identified FCA case prepare for transfer of Land case will be submitted.

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. • D2D 593. • Total number of commercial establishments -534 and institutions 27. • • The total waste generated and collected is 0.645 tones during the year. 	--	<ul style="list-style-type: none"> • For processing and disposal of plastic waste sent to Cement Factory Barmana, Bilaspur. • 9 Nos. Manpower provided by local body and 15 Nos. provided by contractor for street sweeping, transportation, collection etc.
27	N.P. Rewalsar	<ul style="list-style-type: none"> • Population- 1821. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area is 500. • D2D collection in 500. • Total number of commercial and institutions in the area under jurisdiction is 436. • Number of commercial and institutions in the area under jurisdiction is 100%. • The total waste generated and collected is 1.72 tones. 	<ul style="list-style-type: none"> • --nil-- 	<ul style="list-style-type: none"> • For processing and disposal of plastic waste sent to ACC Barmana. • 16 nos. of manpower deployed by local body for processing, street sweeping etc.
28	N.P. Karsog	<ul style="list-style-type: none"> • Population- 3208. • Total number of wards in the area under jurisdiction is 7. • Total no of household in the area is 620. • Total number of commercial and institutions in the area under jurisdiction is Commercial establishments 350 and institute 30. 	<ul style="list-style-type: none"> • --nil--- 	<ul style="list-style-type: none"> • MOU signed with ACC Barmana for management of Plastic waste. • 8 nos. of manpower employed by local body and 8 nos. contractor each for the sweeping of street, collection, transportation etc.
29	M.C. Kullu	<ul style="list-style-type: none"> • Population- 18536. • Total number of wards in the 	<ul style="list-style-type: none"> • Door to door collection and 	<ul style="list-style-type: none"> • Plastic waste sent to Energy Plant, Manali. • 31 nos. of manpower employed by local body and

		<p>area under jurisdiction is 11.</p> <ul style="list-style-type: none"> • Total no of household in the area is 11000. • All household covered by door to door collection. • Total number of commercial 1000 and institutions 150 in the area. • All commercial establishments' institution covered by door to door collection. • The total waste generated is and collected is 7 tons. • Quantity of inert or rejects sent to landfill sites Nil. 	<p>segregation on outsource.</p>	<p>102 nos. contractor each for the sweeping of street, collection, transportation etc.</p> <ul style="list-style-type: none"> • Difficulties- It's all manual, technology should be made available. Local body is not financially sound.
30	M.C. Manali	<ul style="list-style-type: none"> • Population 8095 • 7 Wards • Total household 2106 • D2D collection 100% • Commercial establishments and Institutions 287 • D2D Collection in Commercial establishments and Institutions 100% • 8100 MT waste generated. 	<p>The plastic waste sent for incineration to ACC barman. From year June 2013 council has handed over 194.11 tonnes of plastic waste to ACC barman. Further the council has transported 715.18 tones reject plastics and other segregated materials to Punjab. The council has signed MoU with M/s Nextgen Chemicals to set up Waste to Energy Plant at Manali The said company is storing plastic waste to make RDF to enrich the calorific value.</p>	<ul style="list-style-type: none"> • 28 Nos regular safai Karamcharis and one No. Sanitary Supervisor deployed. • Contractor has deployed 43 No. safai karamchari. • The people are being aware through IEC programme to resolve the burning issue.
31	N.P. Bhunter	<ul style="list-style-type: none"> • Population- 4833. • Total number of wards in the area under jurisdiction is 7 nos. • Total no of household in the 	<ul style="list-style-type: none"> • --nil--- 	<ul style="list-style-type: none"> • Facility used for processing and disposal of plastic waste- Sent to Energy Power Project Rangri, Manali and also handed to Rag Pickers. • Difficulties- It's all manual, technology should be made available. Local body is not financially

		<p>area is approx. 1094.</p> <ul style="list-style-type: none"> All household covered by door to door to collection. Total number of commercial and institutions in the area under jurisdiction is approx. 402. The total waste generated and collected is Nil. 		<p>sound.</p> <ul style="list-style-type: none"> 4 Nos. own manpower and 28 Nos. contractor manpower. Difficulties- Financial problem.
32	N.P. Banjar	<ul style="list-style-type: none"> Total Population 1414 Total 7 wards. Total 1400 household all are covered in D2D collection system. Total no. of Commercial Establishments 265 and are covered 100% in D2D collection. Waste generated 0.2 tonne. and collected 0.2 tonne. 	--	<ul style="list-style-type: none"> Plastic waste sent to ACC Barmana for disposal. 3 manpower deployed for collection street sweeping and 10 manpower of Contractor.
33	M.C. Una	<ul style="list-style-type: none"> Population- 18722. Total number of wards in the area under jurisdiction is 11 nos. Total no of household in the area is 3900. Total no. of commercial establishments and institutions-2790 and all are covered under D2D collection system. The total waste generated 2.00 tonne and collected 1.3 tonne and channelized for recycling 1.30 tonne. 	---	<ul style="list-style-type: none"> Quantity of inert or rejects sent to landfill sited during the year 0.70 tonne. 22 Nos. of safaikaramchari on contractor are deployed for street sweeping, storage, transportation etc. The plastic waste so collected is compacted through baling machine and finally sent to cement factory having M.O.U.
34	M.C. Santokhgarh	<ul style="list-style-type: none"> Population- 9363 Total number of wards in the area under jurisdiction is 	<ul style="list-style-type: none"> Garbage is being collected in mixed form and dumped the same through 	<ul style="list-style-type: none"> Plastic waste channelized for recycling and use and sent to land fill site- Garbage is being collected in mixed form and dumped the same through landfill.

		<p>9.</p> <ul style="list-style-type: none"> 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 Commercial establishments where D2D started is 400 D2D collection has been started in 09 wards and it will be covered all MC area soon as possible 3 Quintal of plastic waste is generated and collected 1.5 qtl. 	land fill.	<ul style="list-style-type: none"> 3 nos. of manpower deployed by local body and 35 nos. deployed by contractor for the street sweeping, transports ion, collection etc. Action Plan: - D2D collection have been started in 9 wards and it will be covered all the MC area as soon as possible.
35	N.P. Dalautpur	<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 853. Number of household covered by D2D collection 555. Commercial establishments under area of jurisdiction 705. Waste collected 960 kg during the year. 		<ul style="list-style-type: none"> Yes through contractor 18 nos. of manpower deployed for street sweeping, transportation, collection etc.
36	N.P. Gagret	<ul style="list-style-type: none"> Total population 3850. Number of wards in area 7. No of household in the area is 840. Total number of commercial and institutions in the area under 	<ul style="list-style-type: none"> The waste which is being generated in NP Gagret is manually collected with tricycle and transported through N.Ps 	<ul style="list-style-type: none"> All the material sent to dumping site (Approx. 14 MT). 14 Nos. Safai karamcharis deployed for collection including street sweeping through contractor-10 safaikaramchari.

		<p>jurisdiction is 524.</p> <ul style="list-style-type: none"> • Number of commercial and institutions in the area under jurisdiction covered under D2D is 524. • Waste generated 2.0 tonne and collected 1.8 tonne during the year. 	<p>vehicle to store near Bus Stand Gagret.</p>	
37	N.P. Mehatpur	<ul style="list-style-type: none"> • Total population 9218. • Number of wards 9. • Nos. of household is 2012. • Total number of commercial and institutions in the area under jurisdiction is 521 commercial and 115 institutional. • The total plastic waste generated 0.26 Ton and collected is 0.26 Ton. 	<ul style="list-style-type: none"> • Plastic waste sent to Bagga. The MoU has already signed. 	<ul style="list-style-type: none"> • 09 own and 21 contractors employees are engaged.
38	N.P.Tahliwal	<ul style="list-style-type: none"> • Total population 3565. • Number of wards in the area under jurisdiction is 7. • No of household in the area is 991. • Commercial establishments 435 under area of jurisdiction and 410 commercial establishment covered under D2D. • The total plastic waste generated 0.09 MT and collected is 0.09 MT. 	<ul style="list-style-type: none"> • Plastic waste collected separately in D2D collection. 	<ul style="list-style-type: none"> • Manpower- 6 person d deployed for collection including street sweeping • Infrastructure provided- 12 nos. of rehri, rickshaw.
39	M.C. Hamirpur.	<ul style="list-style-type: none"> • Population-17604. • Number of ward 11. • Total No. of Household 6339 out of which 2600 are covered under D2D collection. Total 3035 	<ul style="list-style-type: none"> • Plastic waste collected, segregated and disposed. In Ultra Tech. Co.. 	<ul style="list-style-type: none"> • 18 nos. of manpower deployed by local body.

		<p>Commercial establishments and institutions and all are covered under D2D scheme.</p> <ul style="list-style-type: none"> • 20 tons plastic waste generated annually. • Quantity of plastic waste collected 18 tonne. • Plastic waste collected by Kabaris 0.82 tonne and recycling 18 tonne. 		
40	M.C Sujapur	<ul style="list-style-type: none"> • Total population 7943. • Number of wards 9. • Nos. of household in the area is 2238. • Total number of commercial and institutions in the area under jurisdiction commercial and institutional is 524. • The total waste generated and collected is 73 tons during the year. 	<ul style="list-style-type: none"> • Segregation not done in the area 	<ul style="list-style-type: none"> • Manpower Deployed 6 nos. and 25 nos. of manpower deployed by contractor for street sweeping, storage etc. • Difficulties: - Electricity & Water arrangements at Dump site. • Topography of SWM Plant Site. • Expenditure for development of SWM Plant site.
41	N.P. Nadaun	<ul style="list-style-type: none"> • Total population 4430. • Number of wards 7. No. of household in the area is 1501. 1501 nos. of household covered under d2d collection. • commercial establishments 410 and institutions 34 present and all are covered under d2d scheme. • The total waste generated 0.5 tonne and collected is 0.5 tonne. 	---	<ul style="list-style-type: none"> • Manpower Deployed 5 nos. local body and 30 nos. of manpower deployed by contractor for street sweeping, storage etc. • Difficulties: Financial Constrains.
42	N.P. Bhota	<ul style="list-style-type: none"> • Total population 1453. • Number of wards 7. • Number of household 300 	--	<ul style="list-style-type: none"> • Yes 7 nos. manpower is provided by contractor.

		<p>nos out of which 290 households are covered by Door to Door collection.</p> <ul style="list-style-type: none"> • Number of Commercial establishments and institutions 62 and all are covered under Door to Door Collection. • Total waste generated and collected 0.8 tons. 		
43	M.Corp. Dharamshala	<ul style="list-style-type: none"> • Total population 53543. • Number of wards 17 wards. • Number of household 12735. • Number of household covered under D2D collection 8500. • Number of commercial 1700 and institutions 154 in the area. • Plastic waste generated during the year 5 ton and collected during the year 3 ton. • Quantity of plastic channelized for recycling- On progress, for use during the year- on progress. 	--	<ul style="list-style-type: none"> • Mechanism put in place for management- Vishal Protection Force, Waste Warrior (NGO) and Tibetan Settlement (NGO). • 5 nos. of safaikaramchari provided by local body and 200 nos. of safaikaramchari are provided by Vishal Protection Force 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 2450. • Number of ward covered under D2D collection 2450. • Number of commercial and institutions in the area under jurisdiction 999. • Plastic waste generated during the year 0.042 ton. • Plastic waste collected 	--	<ul style="list-style-type: none"> • 40 nos. of sweeper are deployed for the storage, collection, transportation and sweeping of street etc.

		during the year 0.042 ton.		
45	M.C. Palampur	<ul style="list-style-type: none"> Total 3544 population. Number of wards in the area is 7. Total number of house holds 759 and 759 covered under d2d collection. Number of commercial and institutions in the area under jurisdiction 805. Total waste generated 3 tons and plastic waste collected 645 kg. 	<ul style="list-style-type: none"> --nil-- 	<ul style="list-style-type: none"> Landfill system. 7 nos. of manpower deployed for the collection, sweeping, transportation of waste. 19 nos. manpower deployed for the collection, sweeping, transportation of waste by Contractor. Difficulties: - No proper site for disposal of garbage.
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+6500 floating. Number of wards 7. Number of household covered in the area of jurisdiction & under d2d is 1779. Number of commercial establishment and institutions in the area of jurisdiction 929. Number of commercial establishment and 	<ul style="list-style-type: none"> Plastic waste segregated by NGO through 28 No. of Safai Karamchari who are collecting the plastic waste in separate bags. 	<ul style="list-style-type: none"> Facilities used for processing and disposal of plastic waste-M.C. Kangra. Inert sent to landfill site – Vested with M.C. Kangra. 28 nos. of safaikaramchari are provided by local body and 28 nos. of manpower deployed by contractor for sweeping of street etc. Difficulties- M. C. Nagrota Bagwan is Managing plastic waste solid waste properly but the people of adjoining Gram Panchayat are authorized throwing the plastic waste & solid which requires to be controlled by the Administrative. Sanitary Supervisor & more funds are required to

		<p>institutions covered by D2D collection is 929.</p> <ul style="list-style-type: none"> • Total waste generated and collected approx. 0.5 ton and collected 0.375 tone. 		effectively manage the Plastic & Solid Waste Management. As the source of income of MC are limited.
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 is 1142. • Number of household covered by door to door collection is 950. • Total number of commercial and institutions in the area under jurisdiction and covered under d2d collection 35. • Quantity of plastic waste generated during the year 0.72 tons. • 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 0.28 tons. 	--	<ul style="list-style-type: none"> • Processing and disposal of plastic waste- Through rag pickers. • 4 nos. of manpower deployed by local body and 16 nos. by contractor for the collection, storage, sweeping of street etc. Name of contractor Maharishi Enterprise Dehra. • Difficulties- No E.O. & sanitary Supervisor.
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 994. • Number of household covered by door to door collection is 994. • Total number of commercial and institutions in the area under jurisdiction is approx. 526. 	<ul style="list-style-type: none"> • Plastic waste collected manual and put in store. 	<ul style="list-style-type: none"> • Infrastructure required- Shadring, Baling • Manpower deployed 10 nos. under local body and 30 nos. from contractor for collection, storage, transportation and sweeping of street etc. • Difficulties: - Lack of sanitation staff.

		<ul style="list-style-type: none"> • Yes commercial and institutions covered under d2d collection in the area under jurisdiction is 421. • Quantity of plastic waste generated is 1.50 tone and quantity of plastic collected & channelizes for recycling during the year 0.25 ton. 		
50	N.P.Baijnath-Paprola	<ul style="list-style-type: none"> • Population - 15449. • Total number of wards in the area under jurisdiction is 11. • Total no of household in the area is 2623. • Number of household covered by door to door collection is 100%. • Total number of commercial and institutions in the area under jurisdiction is approx. 482. • Yes commercial and institutions covered under d2d collection in the area under jurisdiction is 482. 	Plastic waste deposited PWD store	<ul style="list-style-type: none"> • Manpower deployed by local body and contractor 32 nos. for collection including street sweeping, storage, transportation etc.
51	NP Jawali	<ul style="list-style-type: none"> • Population – 10778. • Total number of wards in the area under jurisdiction is 9. • Total no of household in the area is 2966. • Total number of commercial and institutions in the area under jurisdiction Commercial establishments 1100 and institute 9. • Quantity of plastic waste generated and collected 1Tonne. 	<ul style="list-style-type: none"> • --nil--- 	<ul style="list-style-type: none"> • 18 nos. of safikaramchari provided by contractor for street sweeping, storage transportation etc.

52	M.C. Chamba	<ul style="list-style-type: none"> • Population – 19933. • Total number of wards in the area under jurisdiction is 11. • Total no of household in the area is 4023. • Number of household covered by door to door collection is 60%. • Total number of commercial and institutions in the area under jurisdiction is approx. 400. • Number of commercial and institutions in the area under jurisdiction is approx.462. • Total waste generated is 5 qtl and collected 5 qtl. 	<ul style="list-style-type: none"> • Not segregated being 	<ul style="list-style-type: none"> • Own Manpower deployed 72 nos. of manpower deployed by contractor for collection, street sweeping, collection etc.
53	M.C. Dalhousie	<ul style="list-style-type: none"> • Population – 7051. • Total number of wards in the area under jurisdiction is 9. • Total no of household in the area is 1420. • Total number of commercial and institutions in the area under jurisdiction and covered under d2d collection is 170. • Total waste generated during the year is 1-2 qtl and collected 1 qtl. 	--	<ul style="list-style-type: none"> • Processing and disposal of plastic waste- Handed over to PWD department. • 34 nos. of manpower provided by local body and 15 nos. of manpower provided by contractor for street sweeping, transportation and 7 nos. worker for door to door collection.
54	N.P. Chowari	<ul style="list-style-type: none"> • Total population - 3770. • Number of wards 7. • Number of household 954. • Number of household covered by door to door to collection 575. • Commercial establishments 110 and institutions 28 Nos. • Total waste generated during 	<ul style="list-style-type: none"> • Segregation is being done. 	<ul style="list-style-type: none"> • Management of plastic waste - As far as plastic waste collection is concerned rag picker has been registered and they are deputed in dumping site for collection and segregation of plastic. • 7 nos. of manpower is deployed by local body and 14 nos. by contractor for the collection, storage, transportation etc.

		the year1 qtl and waste collected 80 kg.		
55	Cantonment Board Jatogh	<ul style="list-style-type: none"> Total population - 2062. Number of wards 2. Number of household in the area under jurisdiction is 430 civilian and 247 Army houses and d2d collection are covered under the jurisdiction. Quantity of plastic waste generated, collected, channelized and use during the year 0.3600 tons. 	--	<ul style="list-style-type: none"> 14 nos. of safaiwala, 01 no. mazdoor deployed by local body and 5 nos. of manpower deployed by contractor for street sweeping, collection, storage and transportation etc.
56	Cantonment Board Kasauli	<ul style="list-style-type: none"> Total population - 3885. Number of wards 6. Number of household in the area of jurisdiction and covered under d2d collection 476. Total number of commercial establishments and Institutions in the area under jurisdiction -Commercial establishments – 75 Insti. -2. Number of commercial establishments and Institutions covered by door to door collection - Commercial establishments – Institutions 100% 	<ul style="list-style-type: none"> Bin is used for the collection of plastic waste. 	<ul style="list-style-type: none"> Mechanisms –There is ban to use plastic in kasaulicantt. However the plastic by the tourist are collected by cantt board staff and disposed off at trenching ground at Dagsaicantt. Cantt. Board Kasauli. Employees deployed for collection including street sweeping, transportation etc. are by Board itself.
57	Cantonment Board YoI	<ul style="list-style-type: none"> Population – 12028. Wards in the area of jurisdiction-7. Number of household in the area of jurisdiction – 1476. Number of commercial establishment and institution in the area of jurisdiction – 365. 	--	<ul style="list-style-type: none"> 34 nos. of manpower deployed by local body and 13 nos. of manpower deployed by contractor for the sweeping of street, collection, storage etc. Difficulties – Paucity of fund. Action plan – no.

58	Cantonment Board Dalhousie	<ul style="list-style-type: none"> • Total population - 3549. • Number of wards 6. • Number of household in the area under jurisdiction is 146 and household covered under d2d collection 146 + Military residential establishments. • Total number of commercial establishments and Institutions in the area under jurisdiction and covered under door to door collection is 70. • Quantity of waste generated collected and channelized for use during the year 0.2 tonne. 	<ul style="list-style-type: none"> • Plastic waste is being stored for its auction. 	<ul style="list-style-type: none"> • Manpower deployed 42 nos. of authorized strength by local body and 29 nos. of safaikaramchari are deployed by contractor for the collection of plastic waste.
59	Cantonment Board Bakloh	<ul style="list-style-type: none"> • Total Population - 1805. • Number of wards 2. • No of household covered are 247. • Total number of commercial and institutional in the area of jurisdiction & covered under d2d collection 20. 	--	<ul style="list-style-type: none"> • 20 nos. of manpower deployed by local body and 16 nos. of safaikaramchari deployed for the collection including street sweeping, secondary storage etc.
60	Cantonment Board Subathu	<ul style="list-style-type: none"> • Total Population - 3685. • No of wards in the area of jurisdiction 6. • No of household in the area of jurisdiction and covered in D2D collection 830. • Number of commercial 250 and institutions in the area of jurisdiction and covered under D2D collection is 100%. • Door to door garbage collection is being done by the CANTT board. 	<ul style="list-style-type: none"> • There is ban to use plastic in Subathu Cantt. • Segregation is being done in Cantt. Board. 	<ul style="list-style-type: none"> • Mechanisms – Ban to use plastic in Sabathu Cantt. • Processing and disposal of plastic waste- After Segregation the waste is being picked by rag picker and 15 nos. manpower deployed by Cantt. Board, Subathu, Distt. Solan itself.

		<ul style="list-style-type: none"> • Total waste generated and collected is 0.3 tonne • Quantity of plastic waste channelized for recycling during the year is 0.3 tonne. 		
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 and Institutions in the area under jurisdiction - Commercial establishments – 28 Institutions 02. • Number of commercial establishments and Institutions covered by door to door collection - Commercial establishments Institutions are 100% 	<ul style="list-style-type: none"> • There is ban to use plastic in DagshaiCantt. 	<ul style="list-style-type: none"> • Manpower and facility used for processing and disposal- Cantt. Board Dagshai itself.

Note: - The information in the statement is complied based on the reports field by Local Bodies /concerned Regional Officer of the state Board.