



**H.P. STATE POLLUTION CONTROL BOARD,
"HIM PARIVESH" PHASE-III, NEW SHIMLA-171 009 (H.P)
Phone: 0177 2673766, 2673274 Fax: 0177 2673018**

No. HPSPCB/CD/Annual Report /PWM/2017-18

15627-30

Dated: 22-7-19

To

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

Subject: - Annual Reports under Plastic Waste Management Rules 2016 for the year 2017-18

Sir,

This is with reference to Plastic Waste Management Rules 2016, vide which SPCB has to submit Annual Reports to CPCB on or before 31th July, 2019.

Therefore, in compliance to the aforesaid rules please find enclosed herewith the compiled Annual Reports under the provision of Plastic Waste Management Rules 2016, for the year 2018-19 for your reference & further necessary action please.

Thanking You.

Encl: Annual Reports:

- Plastic Waste Management Rules
(along with Annexure)

Yours faithfully,

(Aditya Negi, IAS)
Member Secretary

d/c HP State Pollution Control Board

Copy to:

1. The Addl. Chief Secretary Env. (S&T), Govt. of HP for information Please.
2. The Principal Secretary, UD Govt. of HP for information please.
3. The Director, UD Talland for information and necessary action please.

(Aditya Negi, IAS)
Member Secretary

d/c HP State Pollution Control Board

Annual Report
Plastic Waste Management Rules, 2016,
For the year – 2018-19

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	---	---	8	---	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	2 Meetings have 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	---	---	31	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 Sundernagar 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 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 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 1. MC Hamirpur 2. MC Sujanpur 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 Jawalamukh i 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 3281. • 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 10 nos. and 2 nos. by contractor. 25 No.s 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 2.05 tons and collected is 2.00 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 305 nos. and d2d is 200. • 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"> • 5 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 1547. • D2D collection in 1547. • Total number of commercial establishments is 800. • Institutions is 16 in the area under jurisdictions. • The total waste generated is 0.55 tons/day and collected 0.45 tons. 	<ul style="list-style-type: none"> • Not being segregated 	<ul style="list-style-type: none"> • 13 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 60. • Institutions are 2 in the area under jurisdictions. • The total waste generated is 0.04 tone and collected 0.04 tone and handed to PWD. • Plastic waste is collected in separate bag. 	<ul style="list-style-type: none"> • Not being segregated. 	<ul style="list-style-type: none"> • Provided by local body 1 no. of hydraulic pickup and 4 nos. of sweepers are involved for management of plastic. • 0.02 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 660. • Total No. of Commercial Establishments and Institutions in the area under jurisdiction.-250 • The total waste generated 0.2 tonne. 	<ul style="list-style-type: none"> • Segregation by private agency. 	<ul style="list-style-type: none"> • Manpower deployed 16 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 743. • Total number of commercial and institution is 155 in the area under jurisdictions. • The total waste generated and collected is 0.030 ton. • Waste channelized for 	<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 0.015 tons.

		recycling and for use is 0.030 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 441. • D2D collection in 7 wards. • Total number of commercial establishments is 100 and institutions are 10 in the area under jurisdictions. • The total waste generated is 0.4 ton and collected 0.2 tone. 	<ul style="list-style-type: none"> • Waste Segregation at source and collected by private agency. 	<ul style="list-style-type: none"> • 1 no 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 220 and institutions are 5 in the area under jurisdictions. • The total waste generated is and collected 20 Kg 	--	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 8500. • Total number of commercial establishments and institution in the area under jurisdiction is 2500, number 	<ul style="list-style-type: none"> • Only manual segregation at door steps and rest sent at Shimla SWM plant. • Main containers are collected and transported by MC Solan. 	<ul style="list-style-type: none"> • 70 NO. of sweepers of Municipal Council. • 100 No. D2D garbage collector. • Manpower deployed safaikaramchari of MC Solan and outsource through society. • Submitted a DPR to integrate the MSWM plant for better plastic waste management to implement the MSW Rules 2011& 2016. • MC has sent a separate proposal of plastic shredding machine for the production of RDF and pellets from the shredding plastic

		<p>of commercial establishments is 2350, and institution is 150.</p> <ul style="list-style-type: none"> • Number of commercial establishments covered by D2D=2000 and 140 establishments. • The total waste generated is 438 tonnes/year. • Quantity of Plastic waste channelized for recycling during the year 150 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 2788. • D2D collection in 2788. • Total number of commercial establishments and institution in the area under jurisdiction is 1261 and number of commercial and institutions establishments is 1261 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 Ptv. Ltd. • Plastic waste sent to HPPWD 	<ul style="list-style-type: none"> • 18 tonnes of plastic waste sent to landfill sites • 63 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 	<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. MC Has provided two dust bins (blue and green) to all households and to all street vendors.</p>

		<p>under jurisdictions.</p> <ul style="list-style-type: none"> The total waste generated is 260 Kg 		
13	M.C. Baddi	<ul style="list-style-type: none"> Population- 2991. 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 2130 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. 105 persons deployed by MC Baddi through Contractor.
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. 	<ul style="list-style-type: none"> Planning for the segregation of plastic waste. 	<ul style="list-style-type: none"> Manpower two person are provided by local body and 10 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. Number of household covered by door to door to collection in 90000. Total number of commercial 	<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. 	<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. Difficulties-Financial Constraints.

		<p>establishments and 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. 		
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, collection, transportation etc. • Difficulties- Financial constraints and lack of land/space.
18	M.C. Bilaspur	<ul style="list-style-type: none"> • Population – 13654. • Total number of wards in the 	<ul style="list-style-type: none"> • MC garbage is being collected in 	<ul style="list-style-type: none"> • Facility used for processing and disposal of plastic waste- MOU is signed with ACC Barmana.

		<p>area under jurisdiction is 11.</p> <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 0.6 tone & collected 0.5 tonne. 	<p>mixed from and dumped the same through landfill.</p> <ul style="list-style-type: none"> • Segregation of waste not been done. 	<ul style="list-style-type: none"> • 11 nos. of manpower deployed by local body and 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"> • D2D garbage collection started in segregated form by NGO. • Plastic waste so segregated is being sent to ACC barman for disposal. 	<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 300. • 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 2.50 	<ul style="list-style-type: none"> • 1.00 MT through ragpickers • 0.66 MT for co-processing in ACC 	<ul style="list-style-type: none"> • 26 nos. of manpower is deployed through contractor for street sweeping, secondary storage etc. • Difficulties: - Shortage of staff and financial crises of the local body.

		MT/day.		
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 417. • The total waste generated is 0.0003 tone. 	<ul style="list-style-type: none"> • --nil-- 	<ul style="list-style-type: none"> • 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 10 nos. of employees through contractor.
22	M.C. Mandi	<ul style="list-style-type: none"> • Total number of wards in the area under jurisdiction is 13. • Total no of household in the area is 8500. • D2D collection in 8500. • Total number of commercial and institutions in the area under jurisdiction is commercial 2500 & institutions 500. • Number of commercial and institutions covered by door to door collection is commercial 2500 & institutions 500. • Waste generated and collected 3000 mt/day. 	<ul style="list-style-type: none"> • Segregation of non-biodegradable and sent for recycle ACC barman. 	<ul style="list-style-type: none"> • 110 manpower
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. • There are 8 number of commercial and institutions 	<ul style="list-style-type: none"> • -- 	<ul style="list-style-type: none"> • Manpower provided by local body 16 nos. and 53 nos. for street sweeping, storage etc. • Difficulties- Lack of SWM expert.

		<p>covered by door to door collection.</p> <ul style="list-style-type: none"> The total waste generated and collected is 230 tones and 225 tons collected 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 5000 approx. 80% 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"> 28 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. 	--nil--	<ul style="list-style-type: none"> 5 nos. of regular employees deployed by local body for collection, street sweeping etc. Sanitation contractor labors 25 nos. Quantity of waste sent to landfill in tons 20. 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 1268. D2D 100% Total number of commercial 	Plastic waste deposited 2.68 Kgs PWD store.	30 Manpower provided by local body for street sweeping, transportation, collection etc.

		<p>establishments -479</p> <ul style="list-style-type: none"> • 2 Kgs per days 		
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 4 tones. 	<ul style="list-style-type: none"> • --nil-- 	<ul style="list-style-type: none"> • For processing and disposal of plastic waste sent to MC Mandi. • 14 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 850. • Total number of commercial and institutions in the area under jurisdiction is Commercial establishments 300 and institute 56. 	<ul style="list-style-type: none"> • --nil--- 	<ul style="list-style-type: none"> • Yes Action plan has been made for improving SWM in the city
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 4888. • All household covered by door to door collection. • Total number of commercial 991 and institutions 168 in 	<ul style="list-style-type: none"> • Door to door collection and segregation on contract. 	<ul style="list-style-type: none"> • Plastic waste sent to ACC Barmana for disposal. • 62 nos. of manpower employed by local body and contractor each for the sweeping of street, collection, transportation etc. • Difficulties- It's all manual, technology should be made available. Local body is not financially sound.

		<p>the area.</p> <ul style="list-style-type: none"> • All commercial establishments' institution covered by door to door collection. • The total waste generated is and collected is 4.37 tons. • Quantity of inert or rejects sent to landfill sites 1850 tons approx. 		
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% • 8302 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 area is approx. 1094. • All household covered by door to door to collection. • Total number of commercial and institutions in the area under jurisdiction 	<ul style="list-style-type: none"> • --nil-- 	<ul style="list-style-type: none"> • Facility used for processing and disposal of plastic waste- Sent to ACC Barman. • Difficulties- It's all manual, technology should be made available. Local body is not financially sound. • 3 No. own manpower and 13 No. contractor manpower.

		<p>is approx. 401.</p> <ul style="list-style-type: none"> The total waste generated and collected is 30 kg/day. 		
32	N.P. Banjar	<ul style="list-style-type: none"> Total Population 4500 Total 7 wards. Total 975 household all are covered in D2D collection system. Total no. of Commercial Establishments 260 and are covered 100% in D2D collection. Waste generated 1.0 tonne 0.8 tonne collected per day. 0.1 channelized for recycling 0.3 tonne for use and 0.5 tonne during the years. Waste processed- 50 kg./day. 	--	<ul style="list-style-type: none"> 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 and collected is 1 Quintal. 		<ul style="list-style-type: none"> 4 No. own safaikaramchari are deployed for street sweeping, storage, transportation etc. 43 nos. of safaikaramchari on contractor are deployed for street sweeping, storage, transportation etc. Mechanisms put in place of Management of plastic waste- NavNirman media publicity Panchkula.
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 	<ul style="list-style-type: none"> Garbage is being collected in mixed from so no segregation has been done at source. 	<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. 3 nos. of manpower deployed by local body and 36 nos. deployed by contractor for the street sweeping, transports ion, collection etc.

		<p>covers under D2D collection 1200.</p> <ul style="list-style-type: none"> • Total number of commercial and institutions in the area under jurisdiction Commercial establishments where D2D started is 50 • D2D collection has been started in 09 wards and it will be covered all MC area soon as possible • 2 Quintal of plastic waste is generated and collected 		<ul style="list-style-type: none"> • 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 350. • Commercial establishments under area of jurisdiction 660. • Commercial establishment covered under D2D 600. • Management of plastic waste in D2D collection is done by NP safaikaramchari. 	<ul style="list-style-type: none"> • Segregation not done in the area. 	<ul style="list-style-type: none"> • Yes through contractor 9 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 888. • Total number of commercial and institutions in the area under jurisdiction is 539. • Number of commercial and 	<ul style="list-style-type: none"> • Segregation not done in the area 	<ul style="list-style-type: none"> • Manpower deployed for collection including street sweeping through contractor-10 safaikaramchari.

		<p>institutions in the area under jurisdiction covered under D2D is 539.</p> <ul style="list-style-type: none"> Waste generated and collected 1 tonne per day. 		
37	N.P. Mehatpur	<ul style="list-style-type: none"> Total population 9218. Number of wards 9. Nos. of household is 2086. Total number of commercial and institutions in the area under jurisdiction is 443 commercial and 115 institutional. 	<ul style="list-style-type: none"> Plastic waste send to ACC barman 	<ul style="list-style-type: none"> 09 own and 19 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 975. Commercial establishments 425 under area of jurisdiction and 240 commercial establishment covered under D2D. The total plastic waste generated and collected is 0.14 MT. 	<ul style="list-style-type: none"> Plastic waste collected separately in D2D collection. 	<ul style="list-style-type: none"> Manpower- 3 person deployed for D2D collection of plastic waste. Infrastructure provided- 8 nos. of rehri, rickshaw. Infrastructure required I no. LMV.
39	M.C. Hamirpur.	<ul style="list-style-type: none"> Population-17604. Total No. of Household 4350 out of which 2600 are covered under D2D collection. Total 1208 Commercial establishments and institutions and all are covered under D2D scheme. 7.80 tons plastic waste generated annually. Quantity of plastic waste collected 6.98 tonne. 	<ul style="list-style-type: none"> Plastic waste collected, segregated and disposed. In ACC Barmana. 	<ul style="list-style-type: none"> 12 nos. of manpower deployed by local body and 63 nos. by contractor for street sweeping, collection, transportation etc. 1 No. Fourwheeler, 2 No. Platform.

		<ul style="list-style-type: none"> • Plastic waste collected by Kabaris 0.82 tonne 		
40	M.C Sujanpur	<ul style="list-style-type: none"> • Total population 7943. • Number of wards 9. • Nos. of household in the area is 2238. • Total number of institution in the area under jurisdiction is 13. • The total waste and collected is 215 kg. 	<ul style="list-style-type: none"> • Segregation not done in the area 	<ul style="list-style-type: none"> • Required - Dumpsite required by M.C and polythene 215 kg is handover to P.W.D sub division Sujanpur to use for roads. • Manpower Deployed 7 nos. and 20 nos. of manpower deployed by contractor for street sweeping, storage etc. • Difficulties: - To dispose city garbage as there is no SWM plant in the city. • Action Plan-Land has been identified for disposal of garbage but the public of the area has agitate against to made protest.
41	N.P. Nadaun	<ul style="list-style-type: none"> • Total population 4430. • Number of wards 7. No. of household in the area is 985. • 985 nos. of household covered under d2d collection. • 306 commercial establishments present and all are covered under d2d scheme. • The total waste generated and collected is 50 Quintal. 	--	--
42	N.P. Bhota	<ul style="list-style-type: none"> • Total population 1453. • Number of wards 7. • Number of household 300 nos out of which 250 households are covered by Door to Door collection. • Number of Commercial establishments and institutions 62 and all are covered under Door to Door Collection. • Total waste generated and collected 0.5 tons. 	--	<ul style="list-style-type: none"> • Yes 6 manpower is provided by contractor.
43	M.Corp.	<ul style="list-style-type: none"> • Total population 53543. 	--	<ul style="list-style-type: none"> • Mechanism put in place for management- Vishal

	Dharamshala	<ul style="list-style-type: none"> • Number of wards 17 wards. • Number of household 12500. • Number of household covered under D2D collection 4500. • Number of commercial 1700 and institutions 154 in the area. • Plastic waste generated during the year 2 ton and collected during the year 3 qtl. • Quantity of plastic channelized for recycling- On progress, for use during the year- on progress and inert sent to landfill site 25 ton. 		<p>Protection Force, Waste Warrior (NGO) and Tibetan Settlement (NGO).</p> <ul style="list-style-type: none"> • Processing and disposal of plastic waste- the polythene will be handed over to MC Kangra for recycling. • 5 nos. of safaikaramchari provided by local body and 144 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 1882. • Number of ward covered under D2D collection 1882. • Number of commercial and institutions in the area under jurisdiction 1288. • Plastic waste generated during the year 175.2 ton. • Plastic waste collected during the year 1 ton. 	--	<ul style="list-style-type: none"> • Processing and disposal of plastic waste- Through facility operator Doctor Gaurav Aggarwal and technology used sharder. • Infrastructure- Site handed over to Doctor Gaurav Aggarwal and installed 1 shredder. • 15 nos. of sweeper are deployed for the storage, collection, transportation and sweeping of street etc.
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 766 and 410 covered under d2d collection. • Number of commercial and institutions in the area 	<ul style="list-style-type: none"> • --nil-- 	<ul style="list-style-type: none"> • Landfill system. • 8 nos. of manpower deployed for the collection, sweeping, transportation of waste. • 13 no.s manpower deployed for the collection, sweeping, transportation of waste by Contractor. • Difficulties: - No proper site for disposal of garbage.

		<p>under jurisdiction 805 out of which 500 are covered under d2d collection..</p> <ul style="list-style-type: none"> Total waste generated 1.0 tons and plastic waste collected 62 Kg 400 gm. 		
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 750 kg. The plastic waste is being collected by the KWARIES about 750 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 926. Number of commercial establishment and institutions covered by D2D collection is 926. Total waste generated and collected approx. 1 tone. 	<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. Infrastructure - The waste which is being generated in M.C NagrotaBagwan is manually collected and transported through M.C vehicles. Infrastructure required- Shredding machine, Baling machine and JCB required. Difficulties- Managing plastic waste properly but the people of adjoining gram panchyat are unauthorized throwing the plastic waste & solid waste, which required to be controlled by the admiration. Sanitary supervisor and more fund are required to effectively manage the plastic waste .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 750. • 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 0.18 tons. 	--	<ul style="list-style-type: none"> • Processing and disposal of plastic waste- Through rag pickers. • 15 nos. of manpower deployed by local body 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 1428. • Number of household covered by door to door collection is 1140. • Total number of commercial and institutions in the area under jurisdiction is approx. 526. • Yes commercial and institutions covered under d2d collection in the area under jurisdiction is 421. 	<ul style="list-style-type: none"> • Plastic waste collected manual and put in store. 	<ul style="list-style-type: none"> • Infrastructure required- Shading, Baling • Manpower deployed 10 nos. under local body and 32 nos. from contractor for collection, storage, transportation and sweeping of street etc. • Difficulties: - Lack of sanitation staff. • Action plan already prepared.

		<ul style="list-style-type: none"> Quantity of plastic waste generated is 1.50 tone and quantity of plastic collected & channelized for recycling during the year 0.25 ton. Inert sent to landfill site 0.070 tons. 		
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 2661. Number of household covered by door to door collection is 100%. Total number of commercial and institutions in the area under jurisdiction is approx. 712. Yes commercial and institutions covered under d2d collection in the area under jurisdiction is. Quantity of plastic waste generated and collected 10 kgs./days. 	Plastic waste deposited PWD store	<ul style="list-style-type: none"> Manpower deployed by local body and contractor 26 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 3410. • Number of household covered by door to door collection is 60%. • Total number of commercial and institutions in the area under jurisdiction is approx. 200. • Number of commercial and institutions in the area under jurisdiction is approx. 200. • Total waste generated is 6.0 qtl. 	<ul style="list-style-type: none"> • Not being segregated 	<ul style="list-style-type: none"> • Own Manpower deployed 10 nos. and 18 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 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 etc.
54	N.P. Chowari	<ul style="list-style-type: none"> • Total population - 3770. • Number of wards 7. • Number of household 1585. • Number of household covered by door to door to collection 200. • 16 nos. of commercial and institution in the area of jurisdiction out of which 5 are covered by door to door 	<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. • 3 nos. of manpower is deployed by local body and 8 nos. by contractor for the collection, storage, transportation etc. •

		<ul style="list-style-type: none"> collection. 		
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"> 15 nos. ofsafaiwala, 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 2 qtls. 	<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 06 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. • 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"> • 19 nos. of manpower deployed by local body and 10 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 505. • Number of commercial 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 SubathuCantt. • Segregation is being done in Cantt. Board. 	<ul style="list-style-type: none"> • Mechanisms – Ban to use plastic in SabathuCantt. • Processing and disposal of plastic waste- After Segregation the waste is being picked by rag picker and manpower deployed by Cantt. Board, Subathu, Distt. Solan itself.

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