

Annual Report
Plastic Waste Management Rules, 2016,
For the year – 2021-22

Name of SPCB/ PCC	Estimated Plastic Waste generation per annum (TPA)	No. of Registered Plastic manufacturing/ Recycling (including multilayer, compostable units (Rule 9)			No. of Unregistered Plastic Manufacturing /recycling units in Residential / unapproved areas.	Details of plastic waste management e.g collection segregation disposal co-processing and road construction Rule-6 Attach Separate Sheet	Partial or complete ban on usage of plastics carry bags (through executive order) Attach list of plastic /cities towns.	Status of Marking labeling on carry bags. Rule-8	Explicit pricing of carry bags Rules 10	Details of the meeting of state level Advisory Body on Implementation Rule-11	No. of violations and action taken on non-compliance of provisions of these rules	Number of Municipal Authority under Jurisdiction and submission of Annual Report to CPCB Rule-12
		Plastic Units	Compostable Plastic Units	Multi Layered Plastic Units								
HPSPCB	Approx. 9,654.45 TPA	98	3	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	Complete ban on usage of carry bags in the State of HP	Complete ban on usage of carry bags in the State of HP	Nil	State of HP has its own HP Non-biodegradable Act, 1995 under which in year 2021-22, 165 challans were done and fine of Rs. 2,01,500/- were collected w.r.t. use of plastic carry bags and littering Non-biodegradable items	Total ULB-68 1. Municipal Corporation-5 2. Municipal Council-29 3. Nagar Panchayat-27 4. Cantonment Board-7

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

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		Plastic Units	Compostable Plastic Units	Multi Layered Plastic Units								
Regional Officer HPPCB Shimla and Rampur	Approx. 2830.108 TPA	9	Nil	Nil	Nil	Nil	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	05 Challan	Total ULB-12 Municipal Authority submitted Annual Report <ol style="list-style-type: none"> 1. M. Corp. Shimla 2. MC Rampur 3. MC Theog 4. MC Rohru 5. NP Narkanda 6. NP Snni 7. NP Chopal 8. NP Kotkhai 9. NP Jubbal 10. NP Anni

Regional Officer HPPCB Solan (Parwanoo & Baddi)	Approx. 625.545 TPA	59	1	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	95 Challan	Total ULB—5 Municipal Authority Submitted Annual Report 1. M. Corp. Solan 2. MC Parwanoo 3. MC Baddi 4. MC Nalagarh 5. NP Arki
Regional Officer HPPCB Sirmour (Paonta Sahib)	Approx. 13.5 TPA	11	2	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	25 Challan	Total ULB—3 Municipal Authority Submitted Annual Report 1. MC Nahan 2. MC Paonta 3. NP Rajgarh
Regional Officer HPPCB Bilaspur	Approx. 85.2 TPA	3	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	03 Challan	Total ULB—4 Municipal Authority Submitted Annual Report 1. MC Bilaspur 2. MC Shri Naina Devi Ji 3. MC Ghumarwin 4. NP Talai
Regional Officer HPPCB Mandi	Approx. 1651.096 TPA	4	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	Total ULB—7 Municipal Authority Submitted Annual Report 1. M.Corp. Mandi 2. MC Sundernagar 3. MC Joginder Nagar

												4. MC Sarkaghat 5. MC Nerchowk 6. NP Rewalsar 7. NP Karsog
Regional Officer HPPCB Kullu	Approx. 2315.5 TPA	3	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	08 Challan	Total ULB—4 Municipal Authority Submitted Annual Report 1. MC Kullu 2. MC Manali 3. NP Bhunter 4. NP Banjar 5. NP Nirmand
Regional Officer HPPCB Una	Approx. 16.154 TPA	8	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	03 Challan	Total ULB—6 Municipal Authority Submitted Annual Report 1. MC Una 2. MC Mehatpur 3. MC Santokhgarh 4. NP Tahliwal 5. NP Daulatpur 6. NP Gagret 7. NP Amb
Regional Officer HPPCB Hamirpur	Approx. 1526.6 TPA	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	Total ULB—4 Municipal Authority Submitted Annual Report 1. MC Hamirpur 2. MC Sujampur 3. NP Nadaun 4. NP Bhota

Regional Officer HPPCB Kangra	Approx. 550.8 TPA	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	02 Challan	Total ULB—9 Municipal Authority Submitted Annual Report 1. M. Corp. Dharamshala 2. M. Corp. Palampur 3. MC Kangra 4. MC Nagrota 5. MC Jawalamukhi 6. MC Nurpur 7. MC Dehra 8. NP Baijnath 9. NP Jawali 10. NP Shahpur
Regional Officer HPPCB Chamba	Approx. 8.04 TPA	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	24 Challan	Total ULB—10 Municipal Authority Submitted Annual Report 1. MC Chamba 2. MC Dalhousie 3. NP Chowari

Cantonment Boards	31.91 TPA approx..	Nil	Nil	Nil	Nil	Attached Annexure – I (Plastic Waste)	Complete ban on usage of carry bags in the State of HP	NA	NA	Nil	Nil	<ol style="list-style-type: none"> 1. Cantonment Board Jatogh 2. Cantonment Board Kasauli 3. Cantonment Board Yol 4. Cantonment Board Dalhousie 5. Cantonment Board Subathu 6. Cantonment Board Dakshai 7. Cantonment Board Bakloh
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**Annexure –I
(Plastic Waste)**

Sr. No	Name of ULB	General Information/Collection	Segregation/ Storage/Transportation	Disposal/Processing/Manpower
1	Municipal Corporation Shimla	<ul style="list-style-type: none"> • Population- 169578 (as per census) (242000 present population). • Total number of wards in the area under jurisdiction is 34. • Total number of house hold in the area under jurisdiction is 56949 and covered by D2D collection in 56949. • Total number of commercial establishments and Institutions in the area under jurisdictions & covered by D2D collection is 8032. • The total waste generated and collected 6-7% (2500 tons approx.). • Plastic waste channelized for recycling:- All the collected plastic waste which is segregated at point sources, through rag pickers and some of the D2D garbage collectors too is sold in open market by them which ultimately reaches in the recycling chain. An estimated 10-20% (appx) of such waste is recycled amounting to about 250-450 tons/annum. • Plastic waste channelized use:- All the collected Plastic waste which is collected through various sources like D2D garbage collection & 	<ul style="list-style-type: none"> • Presently it is collected with the dry waste being collected by Door to Door Garbage collectors deployed through SEHB Society and is transported to the Waste to Energy Plant at Bhariyal where it is processed as RDF. • MC Shimla has deployed 25 pickup vehicles, 6 tippers, 8 dumper placer, 3 compactors & 2 Swatchhtavahans for collection and transportation of the Municipal Solid Waste generated in Shimla City.MC has placed 19 dumper placer and 102 Litter bins in the city. The same infrastructure is being used for the collection & transportation of the plastic waste, which is transported to the waste to energy plant at Bhariyal for further use as RDF as mentioned above. 	<ul style="list-style-type: none"> • Quantity of inert 5-8 tons/day. • Facilities:- <ol style="list-style-type: none"> i. Name of operator – M/s Elephant Energy Pvt. Ltd., Waste to Energy Plant at Bhariyal. Capacity 100 tons/day. ii. Gasification Technology through RDF. iii. Waste concession agreement is signed between MC Shimla & EEPL on 29/03/2016. iv. Biogas plant is also installed. v. Validity of agreement (up to) 20 years from the date of signing of Power Purchase Agreement between EEPL & HP State Electricity Board i.e. w.e.f. 16/05/2016 for 20 years. • 303 nos. of manpower deployed by the local body for the sweeping of street, collection, storage etc. • Manpower deployed by contractor are Street sweeping-160, Casual workers-150, Staff at plant-4, D2D garbage collectors-468. Staff deployed at plant through M/s EEPL-60 approx. • Difficulties- Tough topographic constraints and segregation of waste at source.

		<p>through community bins & dumper containers (which does reaches the recycling chain) is transported to the waste to energy plant at Bhariyal where it is processed as RDF and then sent to the cement industries by project proponents i.e. M/s Elephant Energy Pvt. Ltd. It is estimated to be about 5000 tons/annum. Besides this as mentioned above. An estimated 300-450 tons/annum is being directly going in recycling chain through rag-picker etc. A Total 100 kg plastic was purchased under the Buy-Back policy.</p>		
2	M.C. Rampur	<ul style="list-style-type: none"> • Population- 9239 as per 2011 censuses. • Total number of wards in the area under jurisdiction is 9. • Total number of house hold in the area under jurisdiction and D2D collection is 3281. • Total number of commercial establishments and Institutions in the area under jurisdictions is 1343 nos. and D2D collection is 1320. • The total plastic waste generated during the year is 10.05 tons and collected is 10.00 ton. • Plastic waste channelized for recycling:- Polythene is being collected by registered rag pickers and solid in open 	<ul style="list-style-type: none"> • Outsource. • Plastic is collected in separate bags and are being handed over to H.P.P.W.D. and cement factory. 	<ul style="list-style-type: none"> • 08 nos. of manpower deployed by local body and 01 nos. contractor with 100 nos. of Safai Karamchari for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- M.C doesn't have recycling plant nearby segregation of waste not been done • Action Plan:- D2D collection of Solid waste is being managed and site for treatment of solid waste is being selected.

		<p>market for recycling.</p> <ul style="list-style-type: none"> • Inert or reject:- .005 ton. 		
3	M.C. Theog	<ul style="list-style-type: none"> • Population- 4351. • Total number of wards in the area under jurisdiction is 7. • Total number of household in the area under jurisdiction is 2484 and covered 100% D2D collection. • Total number of commercial establishments and Institutions in the area under jurisdictions is 400 approx. and covered by D2D collection is 100%. • The total plastic waste generated, collected and recycling is 72 ton. 	<ul style="list-style-type: none"> • Bailing and sent to cement plant. Hard plastic segregated by rag-pickers. Spoiled plastic sent to Bariyal plant M.C. Shimla. • Bailing machine, Dry waste sent to Bhariyal plant Shimla. 	<ul style="list-style-type: none"> • Infrastructure required:- Wet waste proceed in pits. • Facility:-Bariyal Unit Tara Devi, Shimla. • 05 number regular & 11 number MMSAGY manpower deployed by local body and 13 number Street sweeping, 20 number D2D garbage collection and 04 number for transportation manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- Financial Constrain. • Action Plan:- Vegetable Shredder for better composting recycling of plastic for flower pot.
4	M.C. Rohru	<ul style="list-style-type: none"> • Population - 6875. • Total number of wards in the area under jurisdiction is 7. • Total number of house hold in the area under jurisdiction and covered by D2D collection is 1545. • Total number of commercial establishments is 800 and Institutions is 16 in the area under jurisdictions and covered by D2D collection is 400. • Total plastic waste generated in the area under jurisdiction is 2.8 ton and collected is 2740 Kg. 	<ul style="list-style-type: none"> • Through NGO M/s Med Mata Gayatri Jan Kalyan Smity Chirgaon • Bailing Machine 	<ul style="list-style-type: none"> • 14 number of manpower deployed by local body and 14 number of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste . • Difficulties:- Transfer case of land is under process. • Action Plan:- In Progress.

5	N.P. Narkanda	<ul style="list-style-type: none"> • Population - 901 as per population 2011. • Total number of wards in the area under jurisdiction is 7. • Total number of house hold in the area under jurisdiction and covered by D2D collection in 239. • Total number of commercial establishments is 60 and institutions is 6 in the area under jurisdiction. • Total number of commercial establishments is 19 and institutions is 1 covered by D2D collection. • Total Plastic waste generated in the area under jurisdiction is 1 ton and collected .40 ton (collected handed over to PWD). 	<ul style="list-style-type: none"> • 1 number hydraulics pickup 2 number safai karamchari. • Plastic is collected in separate bags. 	<ul style="list-style-type: none"> • Facilities:- Plastic has been send to cement plant Darlaghat. • Provided by local body 1 number of hydraulic pickup and 7 number of safai karamchari. • Difficulties- Financial Problem. • Action Plan:- No action plan has been prepared.
6	N.P. Suni	<ul style="list-style-type: none"> • Population – 2891 (as per 2011 census). • Total number of wards in the area under jurisdiction is 7. • Total number of house hold in the area of jurisdiction and covered by D2D collection is 1115. • Total number of Commercial Establishments are 371 and Institutions are 08 in the area under jurisdiction and covered by D2D collection is 100%. 	<ul style="list-style-type: none"> • 12 number of persons engaged for D2D collection and plastic is being collected and stored in the MRF in NP Suni. • 01 number of MRF has been constructed and 01 number of collection center is open for single use plastic. 	<ul style="list-style-type: none"> • Facility:- 1) Name of operator – Secretary Nagar Panchayat Suni. MRF has been constructed in which plastic is separated and stored. • 09 no. Contractor and 04 no. Regular safai Karamchari deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.
7	N.P. Chopal	<ul style="list-style-type: none"> • Population – 1851 (as per 2011 census). • Total number of wards in the area under jurisdiction is 7. • Total number of household 	<ul style="list-style-type: none"> • 6 number of persons engaged for the D2D collection and plastic is being collected and stored in the material 	<ul style="list-style-type: none"> • Facility-I:- 1) Name of operator – Secretary Nagar Panchayat Chopal. 2) Address and Telephone number – 01783260104.

		<p>in the area under jurisdiction and covered by D2D collection is 1150.</p> <ul style="list-style-type: none"> Total number of commercial establishment is 414 and institution is 30 in the area under jurisdiction and covered 100% D2D collection. Plastic waste generated and collected is 0.50 ton approx. 	<p>recovery facility in NP Chopal.</p> <ul style="list-style-type: none"> 01 number MRF has been constructed and 01 number collection center is opened for single use plastic. 	<p>3) Technology used - MRF has been constructed in which plastic is separated and stored.</p> <ul style="list-style-type: none"> 06 number of safai karamchari are deployed by local body and 02 number of safai karamchai (outsourcer) are deployed by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.
8	N.P. Kotkhai	<ul style="list-style-type: none"> Population – 1190. Total number of wards in the area under jurisdiction is 7. Total number of household in the area under jurisdiction is 430 and 100% covered by D2D collection. Total number of commercial establishments are 213 and institutions are 32 in the area under jurisdictions and 100% covered by D2D collection. Plastic waste generated and collected during the year from area under jurisdiction is 3 ton. Plastic waste channelized for use: - Approx. 1800 Kg single use plastic purchased under buy back scheme and round about 3 ton to plastic waste supplied to cement plant Darlaghat for RDF. Inert or rejects.01 ton 	<ul style="list-style-type: none"> Segregation at source & stored in NP store and also collect the plastic from the resident of N.P Kotkhai and rag-pickers under buy back policy of Government. 	<ul style="list-style-type: none"> Infrastructure required:- More funds required. 02 nos. of own manpower deployed for collection & stored in NP store by local body and Arun Kumar Sanitary contractor NP Kotkhai provide manpower for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- Financial issues.
9	N.P. Jubbal	<ul style="list-style-type: none"> Population – 1640. Total number of wards in the area under jurisdiction is 7. Total numbers of households 	<ul style="list-style-type: none"> Composting. Collection centre ward no. 03. 	<ul style="list-style-type: none"> Facility:- Name of operator: - ULB. Manpower deployed by ULB itself for collection including street sweeping, secondary storage,

		<p>in the area under jurisdiction is 540 and 100% are covered by D2D collection.</p> <ul style="list-style-type: none"> • Total number of commercial establishments are 257 and institutions is are in the area under jurisdictions and 100% are covered by D2D collection. • Plastic waste generated and collected during the year from area under jurisdiction is 0.758 Ton. 		<p>transportation, processing and disposal of waste.</p>
10	N.P. Anni (Newly constituted)	<ul style="list-style-type: none"> • Population – 2205. • Total number of wards in the area under jurisdiction is 7. • Total number of household in the area under jurisdiction is 630 and 100% are covered by D2D collection. • Total number of commercial establishments and institutions are 70 in the area under jurisdictions and covered by D2D collection of commercial establishment and institution is 30. 	—	<ul style="list-style-type: none"> • Outsource through Sh. Ashok Kumar and 08 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- The Nagar Panchayat, Anni is a newly constituted N.P. no any facilities are available. • Action Plan:- Applied for PRA.
11	M.C. Solan	<ul style="list-style-type: none"> • Population – 47418 (10000 additional floating population). • Total number of wards in the area under jurisdiction is 17. • Total number of households in the area under jurisdiction are 11322 and 100% covered by D2D collection. • Total number of commercial establishments and institutions are 2510 in the area under jurisdiction and 	<ul style="list-style-type: none"> • The D2D garbage collector collects dry and wet waste in segregated manner and plastic is manually segregated at site by contractor. • Only manual segregation at source while collection and at SWM site. 	<ul style="list-style-type: none"> • Infrastructure required: - Waste processing is outsourced (all infrastructure available at site). • Facility-I& II:-The work of segregation, processing and scientific disposal of plastic waste has been outsourced to M/s Suntan life by MC Solan. All the collected waste is being managed by Ms. Suntan life for MC Solan. • 70 no. of manpower deployed by local body (sweeping staff deployed for collection including street sweeping secondary storage, transportation) and 159 no. of manpower deployed by Contractor (includes D2D garbage collectors, transportation staff and sweeping staff).

		<p>all are covered by D2D collection.</p> <ul style="list-style-type: none"> • Plastic waste generated is 1.2 TPD (approx.) and collected 450 tons (approx.) during the year from area under jurisdiction. • Quantity of Plastic waste channelized for recycling and use during the year is managed by outsourced agency. 		<ul style="list-style-type: none"> • Difficulties:-Source segregation by public creates hinderence in plastic waste management.
12	M.C. Nalagarh	<ul style="list-style-type: none"> • Population – 10702. • Total number of wards in the area under jurisdiction is 9. • Total number of households in the area under jurisdiction and D2D collection are 2535. • Total number of commercial establishments and institution in the area under jurisdiction is 1853 and D2D collection of commercial establishments and institutions are 1560. • Plastic waste generated and collected during the year from area under jurisdiction is 0.045. 	<ul style="list-style-type: none"> • Infrastructure is being developed by JBR Environment Technology. 	<ul style="list-style-type: none"> • Facility II:- 1) Name of operator:- JBR • Infrastructure required:- Infrastructure is being developed by JBR Environment Technology. • 30+15+8=53 of manpower deployed by local body for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
13	M.C. Parwanoo	<ul style="list-style-type: none"> • Population – 28758 (including floating population). • Total number of wards in the area under jurisdiction is 9. • Total number of household in the area under jurisdiction is 3500 and 100% covered by D2D collection. • Total number of commercial 	<ul style="list-style-type: none"> • Outsourced to M/s JBR Environmental Technologies, Baddi. 	<ul style="list-style-type: none"> • Facilities:- The work of segregation, processing and scientific disposal of plastic waste has been outsourced to M/s JBR by MC Parwanoo. All the collected waste is being managed by M/s JBR. • 08 nos. of manpower deployed by local body and 52 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties:- Source segregation by public creates

		<p>establishments and institutions are 288 in the area under jurisdictions and 100% covered by D2D collection.</p> <ul style="list-style-type: none"> • Plastic waste generated during the year from area under jurisdiction is upto 0.50 TPD. • Plastic Waste collected during the year by M/s JBR for MC Parwanoo. • Plastic waste channelized for recycling and use during the year is managed by outsource agency. 		hindrance in plastic waste management.
14	M.C. Baddi	<ul style="list-style-type: none"> • Population- 29911. • Total number of wards in the area under jurisdiction is 9. • Number of Household in the area under jurisdiction is 8352 and 100% are covered by D2D collection. • Total number of commercial and institutions in the area under jurisdiction is 4263 and 100 % are covered by D2D collection. 	<ul style="list-style-type: none"> • Collected and disposal by M/s JBR Environmental Technologies. • Infrastructure is being developing by JBR. 	<ul style="list-style-type: none"> • Infrastructure required:- No segregation has been made in the town. All MSW collected and disposed by JBR. • 80 safai karmchari deployed on outsource basis by Tatget Green Planet for street sweeping and 57 safai Karamchari by M/s JBR for D2D garbage collection and transportation.
15	N.P. Arki	<ul style="list-style-type: none"> • Population – 3038. • Total number of wards in the area under jurisdiction is 7. • Number of Household in the area under jurisdiction is 1141 and covered by D2D collection is 909. • Number of Household in the area under jurisdiction is 232 and all are covered by door to door collection. • Quantity of Plastic Waste 	<ul style="list-style-type: none"> • Nagar Panchayat Arki collected plastic waste picker. 	<ul style="list-style-type: none"> • 02 nos. of manpower deployed by local body and 20 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		<p>generated is 5000 Kg in SWM site and collected is 14098.77 Kg.</p> <ul style="list-style-type: none"> • Plastic waste channelized for recycling during the year :- All plastic send to Ambuja Cement Darlaghat. 		
16	M.C. Nahan	<ul style="list-style-type: none"> • Population – 29014 as per 2011 censuses. • Total number of wards in the area under jurisdiction is 13. • Total number of household in the area under jurisdiction and covered by D2D collection is 17306. • There are more than 4000 number of commercial establishment and institutions and also approx. 4000 covered by door to door collection. • Total waste generated is 1.3 Ton and collected is 2.0 ton. 	<ul style="list-style-type: none"> • Plastic waste is being collected by M.C Agency & transported to Solid Waste Plant. The Bailing machine is also installed at waste processing plant for making bails of size 1.5x2x2.5. Weight of one bail is approx. 15 Kg and also plastic buy back policy implemented in the ULB. All registered rag pickers collect the plastic inn various locations in all wards and handover to MC plastic collection centre at SWM Plant all plastic converts in bails through Bailing machine and sent to as RDF cement plant and energy plant time to time. • Two bailing machine and one Plastic shredding machine installed for plastic Management/collectio n centre at SWM Plant. 	<ul style="list-style-type: none"> • Infrastructure required:-Plastic collection stall installed are required in every wards. • The quantity of inert or rejects during the year in 500 Kg. • Facility I:- Facilities of plastic management at Solid waste plant operation by itself ULB safai workers under the supervision In Charge • Facility II:- Plastic bottles and Single use plastic collected separately in the D2D Garbage collection vehicle's in all wards. • 33nos. of regular deployed for street sweeping in all 13 wards by local body and 112 nos. of Safai workers deployed through CLC Nahan for D2D garbage collection and Street sweeping are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. • Difficulties-Biggest difficulty is collect the garbage user charge from commercial units and convince garbage generators for segregators for segregation at source in spite the regular IEC regarding Solid waste management in all wards through SHG members and involvement of local residents of their respected wards. • Action Plan:- Yes, action plan has been prepared for solid waste management and approved in MC house meetings also changes has been made time to time as per UD guidelines under Swatchh Bharat Mission 2.0.
17	M.C. Paonta	<ul style="list-style-type: none"> • Population – 25183. 	<ul style="list-style-type: none"> • Bhauta Enterprizes, 	<ul style="list-style-type: none"> • Infrastructure required:- Separate bins are required

		<ul style="list-style-type: none"> Total number of wards in the area under jurisdiction is 13. Total no of household in the area under jurisdiction and covered by D2D collection is 6042. Total number of commercial establishments and institution in the area is 1480 and covered by d2d is 1480. The total waste generated is 5200 Kg and collected 5 ton. Plastic waste channelized for recycling during the year is nil and use is 1.7 ton. 	<p>M/s Jahir Ali, M/s Naresh Kumar.</p> <ul style="list-style-type: none"> 13 Kg per Day 	<p>for different types of garbage.</p> <ul style="list-style-type: none"> 16nos. of manpower(Sweeping Street) deployed by local body and 95 nos. of manpower (sweeping street) and 29 no. of manpower D2D collection garbage collection are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties-main problem is to dispose off the plastic waste.
18	N.P. Rajgarh	<ul style="list-style-type: none"> Population – 3083 as per 2011 Census. Total number of wards in the area under jurisdiction is 7. Total no of household in the area under jurisdiction and covered by D2D collection is 1217. Total number of commercial establishments is 377 and institution is 20 in the area and D2D collection is 100%. The total waste generated is 7 ton approx..and collected 6.9 tone. Waste channelizes for recycling is 3.1 tons and use during the year 3.8 tons. 	<ul style="list-style-type: none"> Door to Door garbage collection is being done through contractor's labour. One bailing machine is being operational for making bails and temporary MRF centre has been constructed. 	<ul style="list-style-type: none"> Infrastructure required- Financial assistance is required to make store for storing plastic bails. Facility-I:-Ultratech Cement Plant. Facility-II:- Rekart Innovation Pvt. Ltd. Delhi 31.03.2023 Work is done on contract basis through CLC centre Nahan.
19	M.C. Bilaspur	<ul style="list-style-type: none"> Population – 13654 (As per census). Total number of wards in the area under jurisdiction is 11. Total no. of household in the area under jurisdiction is 	<ul style="list-style-type: none"> Out Source. MC Office. 	<ul style="list-style-type: none"> Facility used for processing and disposal of plastic waste- MOU is signed with ACC Barmana. 11 nos. of manpower deployed by local body and 16 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and

		<p>3334 and D2D collection is 3271.</p> <ul style="list-style-type: none"> Total number of commercial establishment and institutions in the area and covered by D2D collection is 990. Quantity of Plastic waste generated & collected during the year from area under jurisdiction is 41.34. 		<p>disposal of waste.</p> <ul style="list-style-type: none"> Difficulties:- <ol style="list-style-type: none"> M.C. doesn't have recycling plant nearby. Segregation of waste at source.
20	M.C. Ghumarwin	<ul style="list-style-type: none"> Population – 7899 (As per census). Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction and covered by D2D collection in approx. 2200. Total number of commercial establishment and institutions in the area under jurisdiction is Shops 850 Nos., School 5 Nos. and Offices 16 Nos. and 100% covered by D2D collection. Quantity of plastic waste generated during the year from area jurisdiction is 20 Ton plastic/polythene waste sent to ACC Barmana. 	<ul style="list-style-type: none"> D2D garbage collection started in segregation form, Plastic waste so generated is being sent to A.C.C. Barmana for disposal in kiln. The NGO Clean Ghumarwin Green Ghuma is voluntarily doing door to door collection with M.C Ghumarwin. 	<ul style="list-style-type: none"> Facility:- Plastic waste so generated is being sent to A.C.C. Barmana for disposed in kiln. 4 nos. of manpower deployed by local body and 29 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
21	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 under jurisdiction and covered by D2D collection is 323. Total number of commercial establishments and 	<ul style="list-style-type: none"> This MC has started segregation at source and plastic waste is being sent for co-processing to ACC Barmana. 8 no. sanitation workers deployed through contractor for 	<ul style="list-style-type: none"> Facility:- ACC Barmana Galgal Cement Plant. 30 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties: - Shortage of staff.

		<p>institution in the area under jurisdiction and covered by D2D collection is 303 & 4.</p> <ul style="list-style-type: none"> Quantity of Plastic waste generated and collected is 16.86 ton. 	D2D collection.	
22	N.P. Talai	<ul style="list-style-type: none"> Population – 2372 (as per census 2011). Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction is 484 (as per census 2011) and 700 at present and covered by D2D collection is 700. Total number of commercial establishment is about 350 and institutions is 17 in the area under jurisdiction and 100% covered by D2D Collection. Quantity of Plastic waste generated and collected during the year from area jurisdiction is 7.0. 	<ul style="list-style-type: none"> Plastic waste is being sent to ACC Barmana 5.50 Tons sent to ACC Barmana during year 2021-22. Most of the plastic waste is being collected by the rag pickers and remaining by the safai karamchari. 	<ul style="list-style-type: none"> Plastic waste is being sent to ACC Barmana. 3 nos. of safai karamchari deployed by local body and 21 nos. of employees are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
23	M.C. Mandi	<ul style="list-style-type: none"> Population – 41375. Total number of wards in the area under jurisdiction is 15. Total no. of household in the area under jurisdiction and D2D collection is 12,500. Total number of commercial establishment is 3500 (approx.) and institutions is 150 (approx.) in the area under jurisdiction & covered D2D collection 100%. Quantity of plastic waste generated and collected 1500 ton and Channelized 	<ul style="list-style-type: none"> MOU signed with ACC Barmana for management of Plastic waste. Shredder machine= 1 no., Bailing Machine- 1 no., Trommel Machine-1 no. 	<ul style="list-style-type: none"> Infrastructure required:- Sill labour for operation of new machine. Facilities- ACC Barmana, Use as alternate fuel. 30 nos. of manpower deployed by local body and 169 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.

		<p>for recycling is 1000 ton (through rag picker).</p> <ul style="list-style-type: none"> Quantity of inert or rejects during the year 500 ton. 		
24	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 under jurisdiction is 8697 and covered under D2D collection is 100%. Total number of commercial and institutions in the area under jurisdiction is 8 and covered by door to door collection is 100%. The total waste generated and collected is 50 ton and channelized for recycling 50 tons during the year 	--	<ul style="list-style-type: none"> 12 nos. of manpower deployed by local body and 83 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties- Lack of SWM expert.
25	M.C. Nerchowk	<ul style="list-style-type: none"> Population – 8528. Total numbers of ward in the area under jurisdiction 9. Nos. of household in the area under jurisdiction is 2300 and 100% are covered by D2D collection. No. of commercial establishments is 1000 (approx.) and institutional is 50 (approx.) in the area of jurisdiction and covered by door to door collection is 100%. The total plastic waste generated is 10 ton and collected is 10 ton. 	<ul style="list-style-type: none"> MOU signed with ACC Barmana and Rekart pvt. Ltd. for management of plastic waste. Bailing Machine – 1No. 	<ul style="list-style-type: none"> Infrastructure required- Skill labour for operation of new Machine. Facility-I:-ACC Barmana, Use as alternate fuel. Facility-II- Rekart Pvt. Ltd. 34 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- ACC Barmana not send vehicle for handing over of plastic waste.
26	N.P. Sarkaghat	<ul style="list-style-type: none"> Population –5433. Total number of wards in the area under jurisdiction is 7. 	<ul style="list-style-type: none"> Segregated Wste is collected from household and 	<ul style="list-style-type: none"> Infrastructure required:- MRF sites Facilities- Municipal Council Sarkaghat 5 nos. of manpower deployed by Local Body's &

		<ul style="list-style-type: none"> Total no. of households in the area under jurisdiction is 1346 & 100% D2D collection. Total number of commercial establishments and institutions is 500 in the area under jurisdictions & covered under D2D collection is 100%. The total waste generated and collected is 3.50 ton and channelized for recycling is 2.80 ton during the year. 	<p>commercial establishments. Then the plastic collected is sent to bailing machine for bailing. Till now 3.80 bailed plastic is sent to ACC Barmana.</p> <ul style="list-style-type: none"> 1 no. of Bailing Machine. 	<p>25 nos. of manpower deployed by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.</p> <ul style="list-style-type: none"> Difficulties:- Lack of fund and Infrastructure of transportation vehicles. Lack of Scientific waste processing facility. Action Plan:- Under Process.
27	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 under jurisdiction is 1789 and covered by D2D collection is 100%. Total number of commercial establishments is 534 and institutions is 27 in the area of jurisdiction and covered by D2D collection is 593. The total plastic waste generated is 7.096 ton during the year. Plastic waste channelized for recycling is 7.096 tons sent to Cement factory Barmana, Bilaspur. 	<ul style="list-style-type: none"> By the contractor safai karamcharies 	<ul style="list-style-type: none"> Facilities- ACC Barmana, Bilaspur HP 8 nos. of manpower deployed by local body and 18 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Action Plan:- Yes, Bailing Machine.
28	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 in under jurisdiction and covered D2D collection is 500. 	<p>MOU signed with ACC Barmana for management of plastic waste.</p> <p>Bailing machine-1 no.</p>	<ul style="list-style-type: none"> Infrastructure required:- Skill labour for operation of new machine. Facility:- ACC Barmana Use as alternate fuel. 4 nos. of manpower deployed by local body for cleaning public toilets and 12 no. of manpower is deployed by contractor for collection including

		<ul style="list-style-type: none"> Total number of commercial establishment is 436 (approx.) and institutions is 7 (approx.) in the area under jurisdiction and covered by D2D collection is 100%. The total waste generated, collected is 20.50 ton during the year. 		street sweeping, Secondary storage transportation, processing and disposal of waste.
29	N.P. Karsog	<ul style="list-style-type: none"> Population- 2010. Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction and covered by D2D collection is 730. Total number of commercial is 300 approx. and institutions is 20 approx. in the area under jurisdiction and covered by D2D collection is 100%. Quantity of plastic generated during the year from area under jurisdiction and collected is 100 ton. Plastic waste channelized for recycling during the year is 10 ton (through Rag pickers) 	<ul style="list-style-type: none"> MOU signed with ACC Barmana for management of Plastic. Bailing machine - 1 no. 	<ul style="list-style-type: none"> Infrastructure required:- Skill labour for operation of new machine. Facilities- ACC Barmana, Use as alternate fuel. 13nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
30	M.C. Kullu	<ul style="list-style-type: none"> Population- 18536 as per census 2011. Total number of wards in the area under jurisdiction is 11. Total no. of household in the area under jurisdiction is approx. 6262. All household covered by door to door collection. Total number of commercial establishment approx. 850 	<ul style="list-style-type: none"> Sanitary service and D2D garbage collection is on outsource basis and for the management of plastic waste plastic buy back scheme is being run under which plastic @ 75/- per Kg is being bought from local and rag pickers. 	<ul style="list-style-type: none"> Facilities:- Processing and disposal of plastic waste is being done at Waste Energy Plant Rangri at Manali, Plant under the jurisdiction of MC Manali Plant is run by M/s Nextgen Chemical, Bombay, Ltd.. 26 nos. of manpower deployed by local body and 86 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties- It's all manual, technology should be

		<p>and institutions approx. 150 in the area under jurisdiction and all covered under door to door garbage collection.</p> <ul style="list-style-type: none"> Total no. of plastic waste generated and collected is 150 ton (approx.) 	<ul style="list-style-type: none"> Plastic waste is being sent to Energy plant Rangri, at Manali. 	<p>made available. Local body is not financially sound.</p> <ul style="list-style-type: none"> Action Plan:- Not D2D segregation garbage collection of dry and wet waste is being collected from all ward and sent to waste to energy plant, Manali, FCA case is under process SWM site.
31	M.C. Manali	<ul style="list-style-type: none"> Population 8095 Total number of wards in the area under jurisdiction is 7. Total no of household in the area under jurisdiction is 2296 and covered by D2D collection 100% Total no. of Commercial establishments is 287 Hotels& 100% are covered by D2D collection Total no. of plastic waste generated and collected is 2000 MT. Inert or rejects during the year is 8100 MT. 	<ul style="list-style-type: none"> Work has been outsourced to 1no. Contractor they have deployed 27 nos. safai Karamcharis for D2D collection. 	<ul style="list-style-type: none"> Infrastructure required:- Site handed over to M/s Nextgen chemical to produce energy from waste. Facilities:-M/s Nrxtgen Chemicals (100 tonne per day). 26 nos. of regular safai Karamcharis and 1 no sanitary supervisor deployed by local body, 27 nos. of safai Karamcharis deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties- The local residents are not fully cooperating to segregate the waste at source and waste collector is facing unnecessary arguments. The people are being awarded through IEC programme to resolve the burning issue to Solid Waste Management by now 80% of target have been achieved and to achieve 100% target it will take some time.
32	N.P. Bhuntar	<ul style="list-style-type: none"> Population- 4475. Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction is approx. 1320 and D2D collection 100% Total number of commercial and institutions in the area under jurisdiction and covered by D2D collection is approx. 401 and 01. Quantity of plastic Waste generated is 72 ton (approx) and collected is 72 ton 	<ul style="list-style-type: none"> Collected through D2D in segregated manner and Plastic waste is sent to ACC Cement Plant Barmana Distt. Bilaspur and also sent solid waste to waste to energy project Rangri Manali operated by M/s Nextgen Chemicals. Jan Sewa Sansthan Kullu is involved in D2D collection. Plastic waste sent to 	<ul style="list-style-type: none"> Facility I-Nexgen Chemical- Mumbai at Rangri (Manali) Distt.-Kullu. Facility- I- Nexgen Chemical- Mumbai at rangri (Manali) Distt.- Kullu. Waste to Energy. Facility II- ACC Cement Plant Barmana, Distt,- Bilaspur 04 nos. of manpower deployed by local body and 28 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties- Financial problem. Action Plan:- Not, D2D segregated garbage collection of dry and wet waste is being collected from all wards and sent to waste to energy plant

		(approx) during the year.	ACC cement Plant Barmana, Distt.- Bilaspur and Nagar Panchyat Bhuntar also sent plastic waste to energy project Rangri Manali	Rangri Manali. Construction of SWM plant is stopped due to stay by honorable High Court.
33	N.P. Banjar	<ul style="list-style-type: none"> Total Population 1414 (as per census 2011). Total number of wards in the area under jurisdiction is 7 Total no. of household in the area under jurisdiction and covered by D2D collection is 800. Total no. of Commercial Establishments and Institutions is 200 and are covered 100% by D2D collection. Quantity of plastic Waste generated, collected is 92 ton. Plastic waste Channelized for recycling is 85 ton. 	<ul style="list-style-type: none"> Plastic waste collected by manual process. 	--
34	N.P. Nirmand (Newly constituted)	<ul style="list-style-type: none"> Population- 5000 Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction and covered by D2D collection is 454. Total no. of commercial establishments is 200 and institutions is 26 and covered under D2D collection is 15. Quantity of Plastic waste generated is 1.5 ton and collected is 0.6 Ton. 	<ul style="list-style-type: none"> 1 number agency for door to door collection 	<ul style="list-style-type: none"> 08 no. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- Newly constituted ULBs and lack of funds.

		<ul style="list-style-type: none"> Waste channelized for recycling-send to Ultra Cement Plant. Quantity of inert or rejects during the year 0.70 ton. 		
35	M.C. Una	<ul style="list-style-type: none"> Population- 18722 as per census 2011. Total number of wards in the area under jurisdiction is 11. Total no. of household in the area under jurisdiction is 3900. Total no. of commercial establishments and institutions is 2790 and all are covered under D2D collection system. The total waste generated 5760 Kg and collected 5760 Kg Waste channelized for recycling-send to Ultra Cement Plant. Quantity of inert or rejects during the year 0.70 ton. 	<ul style="list-style-type: none"> D2D collection of plastic waste by safai Karamchari. The plastic waste so collected is compacted through baling machine and finally sent to cement factory having M.O.U. 	<ul style="list-style-type: none"> 04 Nos. of safai karamchari deployed by local body and 71 nos. manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- MC can collect the garbage in segregated manner with the co-operation of general public. Mc's should be allowed to use CFL, Tied grant for collection and transportation of segregation waste as this becoming financial unvival. Action Plan:- 26 Kanal land has been transferred in the name of Urban Development at village Rampur where construction work is in progress.
36	M.C. Santokhgarh	<ul style="list-style-type: none"> Population- 9363 Total number of wards in the area under jurisdiction is 9. Total no of household in the area is 1901. Total nos. of households covers under D2D collection 1850. Total number of commercial and institutions in the area under jurisdiction is 3 and covered under D2D collection is 400. 	<ul style="list-style-type: none"> Outsource. M.C. Office. 	<ul style="list-style-type: none"> 03 nos. of manpower deployed by local body and 35 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- M.C. can collect the garbage in segregated manner with the cooperation of public. Action Plan: - D2D collection have been started in 9 wards. M.C. has started segregation of waste at source into two portion i.e. biodegradable & non-biodegradable waste w.e.f. 01.01.2019. About 3qtls segregated waste is being collected and hazardous waste is being collected separated.

		<ul style="list-style-type: none"> Quantity of Plastic generated during the year is 3Qtl and collected 1.5 Qtl. Channelized for recycling & use during the year- Garbage is being collected in mixed form and dumped the same through land fill. 		
37	N.P. Daulatpur Chowk	<ul style="list-style-type: none"> Total population 3763. Total Number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction is 1014 and 100% are covered by D2D collection. Total number of Commercial establishments and institutions under area of jurisdiction is 817 and covered by D2D collection is 592. Quantity Plastic waste generated, Collected and Channelized for recycling is 1.61 during the year. 	<ul style="list-style-type: none"> By Nagar Panchayat Karamchari through contractor. 	<ul style="list-style-type: none"> Infrastructure required:- MRF. Facility:- Send to Cement plant & HPPWD. 18 nos. of Safai Karamcharies deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
38	N.P. Gagret	<ul style="list-style-type: none"> Total population 3850 as per census 2011 + 1500 floating. Number of wards in area is 7. Total no. of households in the area under jurisdiction are 888 and 100% covered by D2D collection. Total number of commercial establishment and institutions is 645 in the area under jurisdiction and covered under D2D 	<ul style="list-style-type: none"> Through Sanitation contractor Sh. Sher Singh. The waste which is being generated in NP Gagret is manually collected and transported through N.Ps vehicle. 	<ul style="list-style-type: none"> Infrastructure required:- Shredding machine (for dry waste). 18 Nos. Safai karamcharis are deployed by the contractor for collection including street, sweeping, secondary storage transportation, processing and disposal of waste. Difficulties:-NP Gagret is managing plastic waste solid waste properly but the people of adjoining Gram Panchayats/floating populations are unauthorized throwing the plastic waste & solid waste which requires to be controlled by the Administration. More funds are required to effectively manage the plastic & solid waste Management. As the sources of income of Nagar

		<p>collection 100%.</p> <ul style="list-style-type: none"> Quantity of Plastic waste generated, collected and Channelized for use is 1.04 ton during the year. 		Panchayat are limited.
39	N.P. Mehatpur	<ul style="list-style-type: none"> Total population 9218. Number of wards 9. Nos. of household is 2560 and covered by D2D collection is 2560. Total number of commercial is 521 and institutions are 115 in the area under jurisdiction and covered by D2D collection is 100%. The total plastic waste generated 07.00 Tons and collected is 07.00 Ton. 	<ul style="list-style-type: none"> Being collecting D2D and also purchasing under bye back policy. 	<ul style="list-style-type: none"> Facilities:- Being stored in collection centre and sent to ultra tech cement factory Bagga. 09 nos. of manpower deployed by local body and 23 nos. of manpower are deployed by the contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
40	N.P.Tahliwal	<ul style="list-style-type: none"> Total population 3575. Number of wards in the area under jurisdiction is 7. No. of household in the area of jurisdiction is 907 and covered by D2D collection is 100%. No. of commercial establishments and Institutions in the area of jurisdiction is 457 and covered by D2D collection 457. 	<ul style="list-style-type: none"> For Plastic waste number of Rag pickers registered & NP purchase Single Use Plastic @75 per Kg. Bailing machine. 	<ul style="list-style-type: none"> 15 nos. of manpower deployed by local body and 15 nos. of manpower deployed by contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste.
41	N.P. Amb	<ul style="list-style-type: none"> Total population 7234 as per census 2011+ 2500 floating population. Number of wards in the area under jurisdiction is 9. No. of households in the area under jurisdiction is 2065 and covered by D2D collection is 100%. 	<ul style="list-style-type: none"> Through sanitation contractor Sh. Sonu Kumar. The Waste which is being generated in NP Amb is manually collected & transported through tractor hired by N P 	<ul style="list-style-type: none"> Infrastructure required:- Shredding machine for dry waste. Facility:- Nagar Panchayat Amb Distt Una. 24 nos. of Safai Karamcharies deployed by contractor for collection including street sweeping, Secondary storage transportation, processing and disposal of waste. Difficulties:- N. P Amb is managing plastic waste, Solid waste properly. But the public of adjoining

		<ul style="list-style-type: none"> No. of commercial establishments and Institutions in the area of jurisdiction is 350 and covered by D2D collection is 350. Quantity of plastic waste generated and collected during the year is 0.60 tons. 	Amb.	Areas & floating population are not well aware, they throw garbage & plastic waste here & there which needs to be monitored.
42	M.C. Hamirpur.	<ul style="list-style-type: none"> Population-17604. Number of wards in the area under jurisdiction is 11. Nos. of household in the area under jurisdiction is 4412. Total number of commercial and institutions are 2124 in the area under jurisdiction and covered by D2D collection is 100%. Quantity of plastic waste generated and collected during the year is 2.8 TPD. 	<ul style="list-style-type: none"> SWM plant Dugneri under the jurisdiction of ULB & 6 nos. garbage Contractor works in the ULBs Bailing Machine, Shredder. 	<ul style="list-style-type: none"> Infrastructure required:- 01 no. MRF storage shed required. 124 nos. of manpower deployed by local body and 114 nos. of Sanitation workers third party & 10 nos. worker regular provided by contractor for street sweeping, collection, transportation, processing and disposal of waste.
43	M.C Sujanpur	<ul style="list-style-type: none"> Total population 7943. Number of wards in the area under jurisdiction is 9. Nos. of household in the area under jurisdiction is 1678. Total number of commercial establishment and institutions in the area under jurisdiction is 627 and covered by D2D collection commercial establishment is 627 and institutions is 92. Quantity of plastic waste generated and collected is 1.3 TPD during the year from area under jurisdiction. 	<ul style="list-style-type: none"> Municipal Solid Waste collected during door to door garbage collection wet waste is being processed in compost pits and dry waste is being bailed in bailing machine, which is installed in material recovery facility (MRF) in ward no. 7 M.C. Sujanpur. Bailed plastic waste is being sent to Ultratech cement plant bagga as Reserved Derived Fuel (RDF). 	<ul style="list-style-type: none"> Infrastructure required:- OWC, incinerator and Shredder is required. 39 nos. of manpower deployed by local body and 35 nos. of Sanitation worker of third party & 04 no. of regular worker provided by contractor for street sweeping, collection, transportation, processing and disposal of waste.

			<ul style="list-style-type: none"> • MRF constructed in ward no. 7 and bailing machine installed in the MRF facility 	
44	N.P. Nadaun	<ul style="list-style-type: none"> • Total population 4430. • Number of wards in the area under jurisdiction is 7. • Nos. of household in the area under jurisdiction is 1103. • Total number of commercial establishment and institutions in the area under jurisdiction and also covered by D2D collection is 693. • Total quantity of plastic waste generated and collected is 30 ton. 	<ul style="list-style-type: none"> • NP Nadaun has awarded the work of sanitation/ D2D collection to M/s Shyam Enterprise who has engaged 07 nos. of safai karamcharies for this work & these Karamcharies are collecting the plastic waste separately in bags. • Temporary MRF has setup. 	<ul style="list-style-type: none"> • Infrastructure required:- Three compartment has been constructed and shed for collection centre of plastic waste. • 30 nos. of safai karamchari deployed through contractor on outsourced basis and M/s Shyam Enterprises whoc has engaged 30 nos. of Safai Karamchari for street sweeping, collection, transportation, processing and disposal of waste. • Difficulties: Land is not available for the construction of structure for the collection and processing of Plastic
45	N.P. Bhota	<ul style="list-style-type: none"> • Total population 1453. • Number of wards in the area under jurisdiction is 7. • Total Nos. of household in the area under jurisdiction is 340. • Number of Commercial establishments is 250 and institutions is 02 and all are covered under Door to Door Collection. • Total waste generated and collected 0.1 tons. 	<ul style="list-style-type: none"> • Nagar Panchayat Bhota has awarded the work of sanitation /D2D collection to M/s Eagal Scout Security service who has engaged 07 nos. of Safai karamcharies for this work & these safai karamcharies are collecting the plastic waste separately in bags. • Temporary MRF has been setup. 	<ul style="list-style-type: none"> • Infrastructure required:- Three compartment has been constructed and shed for collection centre of plastic waste. • 7 nos. of Safai Karamchari deployed through contractor on outsourced basis. M/s Eagal Scout Security service who has engaged 07 nos. of safai karamcharies for street sweeping, collection, transportation, processing and disposal of waste. • Difficulties: Land is not available for the construction of structure for the collection and processing of plastic. • Action Plan:- Not Prepared.
46	M. Corp. Dharamshala	<ul style="list-style-type: none"> • Total population 53543. • Number of wards in the area under jurisdiction is 17. • Number of household in the area of jurisdiction & covered under D2D 	<ul style="list-style-type: none"> • 25 nos. rag pickers and sanitary workers engaged for plastic waste collection 1. 40. Nos. workers (Express House 	<ul style="list-style-type: none"> • Infrastructure required:- Heavy duty Plastic Shredder. • Facility:- DMC has collected 66164 Kg. Single use plastic and 66164 Kg handed over to Ambuja Cement Company Daralaghat H.P. 1 No. of Baling Machine and 1 No. of Trammel

		<p>collection 13017.</p> <ul style="list-style-type: none"> • Number of commercial establishment and institutions in the area under jurisdiction is 3872 and covered by D2D collection 3872. • Plastic waste generated during the year 5 ton approx. and 3 ton collected 	<p>Keepers).</p> <ol style="list-style-type: none"> 2. 134 nos. workers (City Livelihood Centre). 3. 74 Nos. workers (Vishal Protection force). <ul style="list-style-type: none"> • Bailing Machine, Tromal Machine, MRF facilities and 4 nos. single use plastic collection center. 	<p>Machine.</p> <ul style="list-style-type: none"> • 11 nos. of Sanitation workers engaged for road sweeping by local body and 267 nos. of manpower are provided by contractor for street sweeping, collection, transportation, processing and disposal of waste etc.
47	M.C. Kangra	<ul style="list-style-type: none"> • Total population 9528. • Number of wards 9 wards. • Number of household in the area of jurisdiction and covered under D2D collection is 1771. • Number of commercial is 823 and institutions is 50 in the area under jurisdiction and 100% covered by D2D collection. • Plastic waste generated during the year 18 ton. • Plastic waste collected during the year is 3010 Kg single use plastic collected. 	<ul style="list-style-type: none"> • 7 no. Rag pickers and sanitary workers engaged for plastic waste collection. 	<ul style="list-style-type: none"> • Infrastructure required:- Plastic bailing machine required. • 9 nos. sanitation workers engaged for road sweeping by local body. • Sanjay Kumar (Solid Waste Management Plant) Sunil Kumar (Road Sweeping) and Sanjeev Kumar (D2D Collection by Contractor).
48	M.C. Palampur	<ul style="list-style-type: none"> • Total 40385 population. • Number of wards in the area is 15. • Total number of households in the area under jurisdiction is 9000 and 100% covered under D2D collection. • Number of commercial establishment is 2150 and institutions in the area under jurisdiction is 50 and 	<ul style="list-style-type: none"> • Municipal Corporation Palampur has awarded the work of sanitation and D2D collection to contractors who has engaged Safai Karamchari for this work and 8 nos. reg. Pickers are registered. • MC Palampur has collected 3188 Kg SUP buy back policy 	<ul style="list-style-type: none"> • Infrastructure required:- Plastic bailing machine required. • Facility:- Single use plastic is sent to the Ambuja Cement Company and other plastic waste is collected by the rag pickers and sweeper and sale to junk dealers. • 65 nos. sanitation workers engaged for road sweeping by local body and by contractor Triotrap Pvt. Ltd., Yash Raj Service, Express Housekeeping (Solid Waste Management Plant, Road Sweeping D2D collection) for street sweeping, collection, transportation, processing and disposal of waste

		<p>covered by D2D collection is 100%.</p> <ul style="list-style-type: none"> Total waste generated 12 tons and 3000 kg Single Use Plastic collected. 	<p>through rag pickers and other plastic waste is collected rag picker and sweeper sale to Kabadies.</p>	<p>etc.</p> <ul style="list-style-type: none"> Difficulties: -There is problem of segregation as people are not giving the segregate waste in the newly merged area, hence the manpower is engaged in this. Action Plan:- <ul style="list-style-type: none"> New MRF Structure is being created and tender has been awarded vide letter 2279 dt 06.03.2021 for construction on same. 10 kanal of land has been identified and same NOC is being collected from the different department. 42 Kanal land has also been identified at Aima for expansion of SWM Plant and it has been send to SDM Palampur for necessary action.
49	M.C. Nurpur	<ul style="list-style-type: none"> Total population 9807. Number of wards 9 wards. Number of household in the area of jurisdiction is 2160 and covered under D2D collection is 1500. Number of commercial establishment is 750 and institutions is 10 in the area under jurisdiction and covered by d2d collection in commercial establishment is 650 and institutions is 10 . Total quantity of plastic waste generated is 08 ton annually approx. and collected 6.5 ton. 	<ul style="list-style-type: none"> 6 no. Reg pickers and sanitary workers engaged for plastic waste collection 	<ul style="list-style-type: none"> Infrastructure required:- Plastic bailing Machine operational. 9 nos. of sanitation workers engaged for road sweeping deployed by local body. Neel kamal (Solid Waste Management Plant), (Road sweeping) D2D collection. Difficulties. There are 2160 houses in MC Nurpur area out of which 619 belongs to BPL and approximate 650 shops are in a very small business which feels incontinent to pay the user charges so due to paucity of funds the council is even making best efforts to achieve the target. Action Plan- Action plan is under process
50	M.C. Nagrota	<ul style="list-style-type: none"> Total population 5900 as per census 2011. Number of wards 7. Number of household covered in the area of jurisdiction is 1691 & covered by d2d collection is 	<ul style="list-style-type: none"> Plastic is collected manually. Collected manually and put into store. 	<ul style="list-style-type: none"> 7 nos. of manpower are provided by local body and 18 nos. of manpower deployed by contractor for sweeping of street etc. Difficulties- Lack of sanitation staff.

		<p>1350.</p> <ul style="list-style-type: none"> • Number of commercial establishment and institutions in the area of jurisdiction 977 and covered by D2D collection is 880. • Total waste generated 1.50 ton and collected 0.25 ton. 		
51	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 under jurisdiction is 1221. • Total number of commercial establishment and institutions are 1221 in the area under jurisdiction and covered by d2d collection commercial establishment is 524 and institutions is 11. • Quantity of plastic waste generated during the year is 5 Ton (Approx.). • Waste collected during the year 2.8 TPD. • Waste channelizes for recycling –sent to Abuja Cement company. 	<ul style="list-style-type: none"> • Door to door collection through contractor and registered rag pickers. • Bailing Machine. 	<ul style="list-style-type: none"> • Infrastructure required:- 01 no. MRF storage shed required • Facility:-Collection through sanitation workers and bailing through machine and sent to ambuja Cement company. • 19 nos. of manpower deployed by local body and 15 no. of sanitation worker and 04 no. worker on regular through contractor for the collection, storage, sweeping of street etc. Name of contractor J.K. Enterprises.
52	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. • Total number of commercial and institutions in the area under jurisdiction and covered under d2d collection is 620. • Quantity of plastic waste 	<ul style="list-style-type: none"> • SWM plant sirauni road under the jurisdiction of ULB & 1 No. garbage contractor works in the ULBs. • Bailing Machine. 	<ul style="list-style-type: none"> • Infrastructure required- 01 no. MRF storage shed required. • 57 no. of manpower deployed under local body and 48 nos. sanitation worker third party & 9 nos. worker regular by contractor for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.

		generated is 1.3 TPD and quantity of plastic collected is 1.3TPD.		
53	N.P. Baijnath-Paprola	<ul style="list-style-type: none"> • Population - 17382. • Total number of wards in the area under jurisdiction is 11. • Total no of household in the area is 4020 and covered by door to door collection is 100%. • Total number of commercial establishment is 1246 and institutions is 37 in the area under jurisdiction and 100% are covered under d2d collection. • Quantity of plastic waste generated and collected 24 Ton. • Plastic Waste channelized for use during the year is 30 Ton. 	<ul style="list-style-type: none"> • Two plastic collection made in NP area and 08 no. od rag pickers are registered and 14 ton single use plastic purchase by NP Baijnath Paprola. • Bailing machine and poly brick concept 55 ton RDF and Single Use Plastic sent to Cement Plant. 	<ul style="list-style-type: none"> • Facilities:- Bailing Machine. • Manpower deployed by local body 44 nos. of safai Karamchari and by Mahalaxmi enterprises 44 nos. of safai karamchari are deployed.
54	NP Jawali	<ul style="list-style-type: none"> • Population – 10788. • Total number of wards in the area under jurisdiction is 9. • Total no.of household in the area under jurisdiction is 1572 and covered by D2D collection is 1572. • Total number of commercial establishment is 840 and institutions in the area under jurisdiction is 7 and 100% covered by D2D collection. • Quantity of plastic waste generated 1 Ton approx. and 120 Kg single use plastic collected through Rag Pickers. 	<ul style="list-style-type: none"> • 6 no. Rag pickers and sanitary workers engaged for plastic waste collection. • Plastic bailing machine 	<ul style="list-style-type: none"> • M/s Hurricane Security agency Pvt. Ltd provide manpower for street sweeping, storage transportation etc. • Difficulties:- Land not available for construction of SWM project. • Action Plan:- There SWM site is on rent basis therefore temporary 6 no. compositing pits has been constructed.
55	NP Shahpur	<ul style="list-style-type: none"> • Population – 4491. 	<ul style="list-style-type: none"> • Sanitary workers 	<ul style="list-style-type: none"> • Infrastructure required:- Plastic bailing Machine

		<ul style="list-style-type: none"> Total number of wards in the area under jurisdiction is 7. Total no. of household in the area under jurisdiction is 1341 and covered by D2D collection is 1075. Total number of commercial establishment is 585 and institutions in the area under jurisdiction is 12 and 100% covered by D2D collection. Quantity of plastic waste generated 1.8 Ton. 	<ul style="list-style-type: none"> engaged for plastic waste collection. All waste being sent to MC Kangra. 	<ul style="list-style-type: none"> required. 20 no. sanitation workers engaged for road sweeping and d2d garbage collection by local bodies and Sanjay Kumar (Road Sweeping) (D2D collection) manpower provided by Contractor. Difficulties:- There is shortage of funds for sanitation and D2D garbage collection.
56	M.C. Chamba	<ul style="list-style-type: none"> Population – 19933 as per 2011 census. Total number of wards in the area under jurisdiction is 11. Total no of household in the area underand covered by door to door collection is 5068. Total number of commercial establishment and institutions are 2153in the area under jurisdiction and 100% covered by door to door collection. Total waste generated is 5 Tons and collected 5 Tons. Waste channelized for recycling Nil and for use is 5 tons. Inert or rejects sent to landfill sites in the year is Nil. 	<ul style="list-style-type: none"> By Municipal Contractor. Plastic collection centre. 	<ul style="list-style-type: none"> Infrastructure Required- Shredder Machine required. Facility I:-Plastic buy back collection centre, office of Municipal council, near distt. Courts Chamba. 21 nos. of manpower provided by local body and 104 nos. of manpower provided by contractor for street sweeping, transportation, processing and disposal of waste.
57	M.C. Dalhousie	<ul style="list-style-type: none"> Population – 7051 as per 2011 census. Total number of wards in the area under jurisdiction is 9. Total no of household in the 	<ul style="list-style-type: none"> 10 Rag pickers identified by the ULB to collect/segregate Plastic and one SUP 	<ul style="list-style-type: none"> Infrastructure required:- Shredder machine required to shred plastic before handover to HPPWD. Processing and disposal of plastic waste- 1. M/s Rajinder Electrical Works for sweeping.

		<p>area under jurisdiction and D2D collection is 1420.</p> <ul style="list-style-type: none"> • Total number of commercial and institutions in the area under jurisdiction is 170 and covered under d2d collection is 170. • Total plastic waste generated during the year is 2.34 Ton and collected 2.34 Ton. • Waste channelized for recycling 2.34 ton and for use is .5ton. 	<p>collection centre has been established. Collected plastic is then handed over to HPPWD for use in road.</p> <ul style="list-style-type: none"> • Bailing Machine. 	<ol style="list-style-type: none"> 2. Sh. Anuj Kumar for Door to Door collection of Garbage. 3. Sh. Parveen Kumar Cont. for Door to Door Collection. <ul style="list-style-type: none"> • 37 nos. of manpower provided by local body.
58	N.P. Chowari	<ul style="list-style-type: none"> • Total population - 3770. • Total number of wards in the area under jurisdiction is 7. • Number of household approx. 1710 and covered by door to door to collection approx. 1710. • Total number of commercial and institutions in the area under jurisdiction is 225and covered under d2d collection is 225. • Total plastic waste generated during the year is .7 ton and collected is .7 ton. • Waste channelized for recycling is nil and use during the year is .7 ton. 	<ul style="list-style-type: none"> • By N.P. Contractor • N.P. Chowri. 	<ul style="list-style-type: none"> • Infrastructure required:- 1 no. of Shredder and 1 no. of incinerators required. • Facility:- Plastic Buy Back collection centre, office of Nagar Panchayat near Bus Stand Chowari (HP) • 7 nos. of manpower is deployed by local body and 18 nos. by contractor for the collection, storage, transportation etc.
59	Cantonment Board Jatogh	<ul style="list-style-type: none"> • Total population - 2062. • Total number of wards in the area under jurisdiction is 2. • Number of household in the area under jurisdiction is 677including Army houses and d2d collection are covered under the jurisdiction is 100% 	<ul style="list-style-type: none"> • Plastic waste generated deposited at MC plant Bhariyal for further disposal 	<ul style="list-style-type: none"> • Facility I- II :- Sent to waste to energy plant MC Shimla. • 14 nos. of safaiwala deployed by local body and 07 nos. of manpower deployed by contractor for street sweeping, collection, storage and transportation, processing and disposal of waste. • Action Plan:- The draft solid waste management by law has been prepared by the office and sent to higher authorities for sanction the same will be

		<ul style="list-style-type: none"> Commercial establishments and Institutions in the area under jurisdiction is 20 and 100% covered by door to door collection. Quantity of plastic waste generated, collected, channelized for recycling and use during the year 0.9000 tons. 		shared after approval.
60	Cantonment Board Kasauli	<ul style="list-style-type: none"> Total population - 3885. Total number of wards in the area under jurisdiction is 6. Number of household in the area of jurisdiction and covered under D2D collection 476. Total number of commercial establishments is 75 and Institutions is 2 in the area under jurisdiction and covered by door to door collection is 100%. 	<ul style="list-style-type: none"> Use of Plastic is ban in Kasauli Cantt. 	<ul style="list-style-type: none"> Facilities:-Cantt. Board Kasauli, Distt.- Solan Cantt. Board Kasauli employees deployed by local bodies and Contractor for street sweeping, collection, storage and transportation, processing and disposal of waste. The Bio-digester plant has been installed to dispose off the biodegradable waste.
61	Cantonment Board Yol	<ul style="list-style-type: none"> Population – 12028 as per census 2011. Total number of wards in the area under jurisdiction is 7. Number of households in the area under jurisdiction is 1582 and covered by D2D is Nil. Number of commercial establishment is 351 and institution is 14 in the area under jurisdiction. 	--	<ul style="list-style-type: none"> 17 nos. of manpower deployed by local body and 36 nos. of manpower deployed by contractor for the sweeping of street, collection, storage etc. Difficulties – Paucity of fund.
62	Cantonment Board Dalhousie	<ul style="list-style-type: none"> Total population - 3549. Total number of wards in the area under jurisdiction is 6. Number of household in the area under jurisdiction is 	<ul style="list-style-type: none"> Segregation Plastic waste is being stored for sending it to PWD Dalhousie for further disposal. 	<ul style="list-style-type: none"> Manpower deployed 42 nos. of authorized strength and 67 outsourced by local body.

		<p>146+ Military residential establishments.</p> <ul style="list-style-type: none"> • Total number of commercial establishments and Institutions in the area under jurisdiction is 70 (67 shops/stores, 01-School, 01-Hospital & 01 Guest house) and 100 % covered under door to door collection. • Quantity of plastic waste generated, collected and channelized for recycling during the year 0.2 ton. 		
63	Cantonment Board Bakloh	<ul style="list-style-type: none"> • Total Population - 1805. • Total number of wards in the area under jurisdiction is 2. • No of household in the area of jurisdiction is 214+ Military residential establishments. • Total number of commercial establishment is 20 and institutional is 05 shops/store (03 school, 01Hospital and 01 Guest House) & covered by d2d collection 13 and institutional is 05 shops/store (03 school, 01 Hospital and 01 Guest House). • Quantity of plastic waste generated, collected and channelized for recycling during the year 0.1 ton. 	<ul style="list-style-type: none"> • Segregated Plastic waste is being stored for its auction to Authorized agencies. 	<ul style="list-style-type: none"> • 19 nos. of authorized strength deployed by local body and 03 nos. of manpower deployed for the collection including street sweeping, secondary storage, secondary storage, transportation, processing and disposal of waste.
64	Cantonment Board Subathu	<ul style="list-style-type: none"> • Total Population - 3685. • Total number of wards in the area under jurisdiction is 6. • No. of household in the area 	<ul style="list-style-type: none"> • There is ban to use polythene bag and single use plastic in Subathu Cantt. 	<ul style="list-style-type: none"> • Facility:- SWM Plant Cantt. Board Subathu, Distt.- Solan • Through Outsourcing Agency.

		<p>of jurisdiction and covered in D2D collection is 830.</p> <ul style="list-style-type: none"> • Number of commercialestablishments and institutions in the area of jurisdiction is 250and covered by D2D collection is 100%. • Total waste generated and collected is 30 ton. • Quantity of plastic waste channelized for recycling is 26.5 ton and use is 3.5 tons during the year 	<ul style="list-style-type: none"> • Material recovery facility at SWM Plant, Subathu. 	
65	Cantonment Board Dakshai	<ul style="list-style-type: none"> • Population - 2904. • Total Numbers of the wards in the area under jurisdictions 6. • Total Numbers of Households in the area under jurisdiction &covered by door to door collection 577. • Total number of commercial establishments is 28 and Institutions is 02 in the area under jurisdiction and 100% covered by door to door collection. • Quantity of plastic waste generated, collected and channelized for recycling and Use during the year is 0.71 ton. 	<ul style="list-style-type: none"> • There is ban to use plastic in Dagshai Cantt. 	<ul style="list-style-type: none"> • Facilities:- Cant. Board Dagshai Distt. Solan, H.P. • 26 nos. of employees are deployed by local body for the collection including street sweeping, secondary storage, transportation, processing and disposal of waste.

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