

I/61726/2021(1)

HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Website - www.hspcb.gov.in E-
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No.HSPCB/

Dated:

To

The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi-110032.

Sub:- Submission of Annual Report under Construction and Demolition Rule, 2016 for the year 2020-21.

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the Annual Report under Construction and Demolition Rule, 2016 for the year 2020-21 for information and further necessary action please.

DA/as above.

**Sr. Env. Engineer (HQ
For Member Secretary**

Endst. No.HSPCB/

Dated:

A copy of the above is forwarded to the following for information

1. Sr. Environmental Engineer (IT) HSPCB. He is requested to upload the Annual Report under Construction and Demolition Rule, 2016 for the year 2020-21 on the website of the Board.
2. Nodal Officer, E-Sanyojan, HSPCB. He is requested to upload the Annual Report under Construction and Demolition Rule, 2016 for the year 2020-21 on the E-Sanyojan Portal of CPCB.

DA/as above

Signed by Satinder Pal

Date: 02-09-2021 10:14:24

Reason: Approved

Form-IV**See (Rule (8) (3))****Format for Annual Report to be submitted by the State Pollution Control Board/Committees to the Central Pollution Control Board.**

Name of the State/Union Territory	Haryana
Name & address of the State Pollution Control Board/Pollution Control Committee	Haryana State Pollution Control Board, C-11, Sec-6, Panchkula
Number of municipal authorities responsible for management of municipal solid waste in the State/Union territory under these rules	88
A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule III	Attached as Annexure-I
A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule IV	Schedule IV is not available with C&D rule. However Status report regarding compliance with regard to Construction & Demolition Waste Management Rules 2016 is Annexed as Annexure-II and annual report submitted by Urban Local Bodies is attached as Annexure- III

Annexure-I

Time frame for planning and implementation

Formulation of policy by State Government	A policy for management of Construction & Demolition waste has also been notified by Govt. of Haryana in November 2020. Copy of policy is attached as Annexure-IV .
Identification of sites for collection and processing facility	81 Site identified for dumping of C&D Waste and one processing facility already in operation in Basai, Gurugram and there is a proposal for setting up the second plant in Faridabad by September, 2022.
Commissioning and implementation of the facility	ULBD has identified 81 C&D sites for separate storage of C&D waste. Municipal Corporation, Gurugram has established a processing plant of Construction and Demolition waste at Village Basai to treat 300 MT of C&D Waste daily and will be increased to 1500 MT shortly. Two number agencies have also been empanelled to collect and transport the C&D waste from the household's upto the designated locations. Further, Municipal Corporation, Faridabad has also a proposal to set up a 300 TPD C&D Waste Management Plant. The agency has also been selected for this project and the plant is likely to be established by September 2022.
Monitoring by SPCBs	Monitoring of processing plant at Gurugram is being done by Haryana State Pollution Control Board.

Annexure-II

Status report regarding compliance with regard to Construction & Demolition Waste Management Rules 2016

Construction and Demolition (C&D) waste-disposal and handling:-Municipal Corporation, Gurugram has established a processing plant of Construction and Demolition waste at Village Basai to treat 300 MT of C&D Waste daily and the capacity will be increased to 1500 MT shortly. Two number agencies have also been empanelled to collect and transport the C&D waste from the household's to the designated locations.

Further, Municipal Corporation, Faridabad has also a proposal to set up a 300 TPD C&D Waste Management Plant. The agency has also been selected for this project and the plant is likely to be established by September 2022.

For remaining towns the status is as under:-Apart from these two ULBs (i.e Gurugram & Faridabad), rest of the ULBs in State have the Waste generation below 50 TPD and it is not viable to set up the C&D Waste Management Plant so the remaining ULBs are using the waste for filling in low lying areas or road filling.

For remaining towns the status is as under:-As per C&D Waste Rules 2016, all ULBs must identify separate site for C&D waste collection. At present, 86 ULBs have identified C&D sites for separate storage of construction and demolition waste. The detail of Municipalities who have identified the site for dumping of C&D waste is as given below

Sr. No.	ULB Name	Site identified for dumping of C&D Waste
1	Ambala City	Yes
2	Faridabad	Yes
3	Gurugram	Yes
4	Hisar	Yes
5	Karnal	Yes
6	Panchkula	Yes
7	Panipat	Yes
8	Rohtak	Yes
9	Sonepat	Yes
10	Y/Nagar	Yes
11	Bhiwani	Yes
12	CharkhiDadri	Yes
13	Fatehabad	Yes
14	Sohna	Yes
15	Hansi	Yes
16	Bahadurgarh	Yes
17	Jhajjar	Yes

18	Jind	Yes
19	Narwana	Yes
20	Thanesar	Yes
21	Hodal	Yes
22	Palwal	Yes
23	Rewari	Yes
24	Gohana	Yes
25	Narwana	Yes
26	Barara	Yes
27	Naraingarh	Yes
28	BawaniKhera	Yes
29	Loharu	Yes
30	Siwani	Yes
31	Farukhnagar	Yes
32	HailyMandi	Yes
33	Pataudi	Yes
34	Barwala	Yes
35	UklanaMandi	Yes
36	Beri	Yes
37	Julana	Yes
38	Safidon	Yes
39	Cheeka	Yes
40	Kalayath	Yes
41	Pundri	Yes
42	Assandh	Yes
43	Gharaunda	Yes
44	Indri	Yes
45	Nilokheri	Yes
46	Nissing	Yes
47	Taraori	Yes
48	Shahabad	Yes
49	Nuh	Yes
51	Punhana	Yes
52	Taruru	Yes
53	Hathin	Yes
54	Samalkha	Yes

55	Bawal	Yes
56	Dharuhera	Yes
57	Kalanaur	Yes
58	Sampla	Yes
59	Gannaur	Yes
60	Kharkhoda	Yes
61	Radaur	Yes
62	Rajound	Yes
63	Tohana	Yes
64	Kanina	Yes
65	FerozpurJhirka	Yes
66.	Rania	Yes
67	Ratia	Yes
68	Bhuna	Yes
69	JakhalMandi	Yes
70	AteliMandi	Yes
71	Narnaud	Yes
72	Nangal Choudhary	Yes
73	Ellenabad	Yes
74	Uchana	Yes
75	Meham	Yes
76	Mahendergarh	Yes
77	MandiDabwali	Yes
78	Pehowa	Yes
79	Ladwa	Yes
80	AmbalaSadar	Yes
81	Narnaul	Yes

MCs have also been directed to ensure that all the contractors, builders & individuals should comply with the C&D waste management rules and the challans on violators should be done for non-compliance.

ULB Department of Haryana has issued 713 Nos. Challan of amounting to Rs. 68,25,350/- against the non-compliance of C&D Waste management Rules-2016 during the financial year 2020-21.

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District Name	Ambala			
	AMBALA Sadar	AMBALA City	NARAINGARH	BARARA
Name of the City or Town	Municipal Council Ambala Sadar	Municipal Corporation Ambala City	Municipal Committee Naraingarh	Municipal Committee Barara
Population (In Lakhs)	236850	303850	22839	22942
Name and address of local authority or competent authority	Municipal Council Ambala Sadar	Municipal Corporation, Ambala City	Municipal Committee Naraingarh	MC Barara
Telephone No	0171 643200	0171 2443747	1734284229	1725286600
Email ID	mcambalasadar@gmail.com	mcamb.54@gmail.com	Secymcnaraingarh167@gmail.com	secv.mcbrara@gmail.com
Name of the Nodal Incharge	Apoorva Chaudhary E.O.	Sh. Raman Jaglan Executive Engg.	Sh. Phool Kumar SI	Phool Kumar, SI
Quantity and composition of construction and demolition waste including any deconstruction waste	8 TPD	25 TPD	0.025 TPD	0.5 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	2000 MT	9125 MT	9 TPA	180 TPA
Any figures for lean period and peak period generation per day	-	-	-	-
Average generation of construction and demolition waste (TPD)	8 TPD	25 TPD	0.025 TPD	0.01 TPD
Total quantity of construction and demolition waste collected per day	8 TPD	25 TPD	0.025 TPD	0.5 TPD
Any Processing / Recycling Facility set up in the city	Only C&D waste storage facility available	-	No	No
Total quantity of construction and demolition waste processed / recycled (in metric ton)	C&D waste processing facility not available	20 Tonnes collected by private contractor and utilized for land filling and selling.	0	0
Non-structural concrete aggregate	NA	NA	0	0
Manufactured sand	NA	NA	0	0
Ready-mix concrete (RMC)	NA	NA	0	0
Paving blocks	NA	NA	NA	Na
GSB	NA	NA	0	0
Others, if any, please specify	NA	Collection and Transportation is done by Private tractor trolley owners at their own level.	0	0
Total quantity of Construction & Demolition waste disposed by land filling without processing (last option) or filling low lying areas	1000 MT	5-8 Tonnes	Yes at low lying area	Yes at low lying area
No of landfill sites used	4	-	1	1
Area used	2200 Sqm	2.5 acre	-	-
Whether weigh-bridge facility used for quantity estimation	No	No	No	0
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	yes	-	No	0
Storage Facilities	All the area under the jurisdiction of MC ambala sadar are covered for collection of C&D waste.	-	No	NA
No. of large Projects (including roadways project) covered	No	-	No	No
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority or Local Authority or through Private Agency or Non-Governmental Organization)	Done by ULB	-	No	No
Storage Bins Specification				No
Containers or receptacle (Capacity)	NA	NIL	Nil	No
Others, please specify	NA	-	No	No

Whether all storage bins/collection spots are attended for daily lifting	NA	-	Yes at low lying area	Yes at low lying area
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Mechanical	Mechanical	Manual and Mechanical	no
Transportation				
Truck	0	0	0	0
Truck - Hydraulic	0	0	0	0
Tractor - Trailer	2	Tractor-trailer	1	1
Dumper - Placer	1	NIL	0	0
Tricycle	0	0	0	0
Refuse-Collector	0	0	0	0
Other (please specify)	0	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	No	Yes, proposal pending at DULB level	Done by MC Naraingarh	Done by MC Barara
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	No	-	No	No
Dry Process	NA	-	0	0
Wet Process	NA	-	0	0
Other if any (please specify)	NA	-	0	0
What provisions are available to check unauthorized operations of	Penalty provision for unauthorized C&D waste dumping and user fee to collect C&D waste has been notified and the same has been issued in newspaper for public information. A helpline center has been developed by MC Sadar with call hunting facility of collection of C&D waste and unauthorized C&D waste dumping related issues. M C Ambala sadar has registered 02 collection vehicles	-	0	0
Encroachment on river bank or wet bodies	-	Nil	No river water bodies exist in MC area	0
Unauthorized filling of low line areas Mixing with solid waste	-	Nil	Yes at low lying area	0
Encroachment in Parks, Footpaths etc.	-	Nil	No	0
How many slums are provided with construction and demolition waste receptacles facilities	NA	Slum are not exist	NA	
Are municipal magistrates appointed for taking penal action for non-compliance with these rules:	No	No	-	0

District Name	Bhiwani			
	BHIWANI	SIWANI	BAWANI KHERA	LOHARU
Name of the City or Town	Bhiwani	Municipal Committee Siwani	Bawani Khera	Loharu
Population (In Lakhs)	215000	19143	24980	15396
Name and address of local authority or competent authority	MC Bhiwani		Municipal Committee Bawani Khera	Loharu
Telephone No	-	01255-277383	0125- 4233110	01252-258241
Email ID	mcbhiwani.gov.in	mcsiwani@gmail.com	mc.bawanikhera@gmail.com	secymc.loharu@gmail.com
Name of the Nodal Incharge	Sh Surender Sangwan, ME	Surender Sangwan, ME	Ashok Kumar	Surender Sangwan
Quantity and composition of construction and demolition waste including any deconstruction waste	0.16 TPD	0.2 TPD	0.8 TPD	0.5 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	60 Ton	100 ton	275 Ton	144 TPA
Any figures for lean period and peak period generation per day	-	0.16 to 0.2	-	-
Average generation of construction and demolition waste (TPD)	0.16 TPD	0.6	0.80 TPD	0.5
Total quantity of construction and demolition waste collected per day	0.16 TPD	0.2	0.80 TPD	0.5
Any Processing / Recycling Facility set up in the city	0	NO	0	0
Total quantity of construction and demolition waste processed / recycled (in metric ton)	0	0	0	0
Non-structural concrete aggregate	0	Mix	Mix	Mix
Manufactured sand	0	Mix	Mix	Mix
Ready-mix concrete (RMC)	0	Mix	Mix	Mix
Paving blocks	0	Mix	Mix	Mix
GSB	0	Mix	Mix	Mix
Others, if any, please specify	0	0	0	0
Total quantity of Construction & Demolition waste disposed by land filling without processing (last option) or filling low lying areas	0	0	0	0
No of landfill sites used	1	1	0	0
Area used	2 Acre	2 Kanal (Temporary)	0	0
Whether weigh-bridge facility used for quantity estimation	No	NO	No	No
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	No	No	No
Storage Facilities				
Area or location or plot or societies covered for collection of Construction and Demolition waste	6000 Mtr Kirori Mal	Tosham road Siwani	3500 MT	3000 MT
No. of large Projects (including roadways project) covered	0	NA	0	0
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority or Local Authority or through Private Agency or Non-Governmental Organization)	0	NA	0	
Storage Bins Specification	0		0	0
Containers or receptacle (Capacity)	0		0	0
Others, please specify	0	0	0	0

Whether all storage bins/collection spots are attended for daily lifting	0	0	0	0
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	0	0	0	0
Transportation	0	0	0	0
Truck	0	0	0	0
Truck - Hydraulic	0	0	0	0
Tractor - Trailer	1	2	1	1
Dumper - Placer	0	0	0	0
Tricycle	0	0	0	0
Refuse-Collector	0	0	0	0
Other (please specify)	0	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	Tender	0	under process	Tender
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	0	0		0
Dry Process	0	0	0	0
Wet Process	0	0	0	0
Other if any (please specify)	0	0	0	0
What provisions are available to check unauthorized operations of	0	0	0	0
Encroachment on river bank or wet bodies	0	Supervision teams has been deployed	NA	0
Unauthorized filling of low line areas Mixing with solid waste	0	Supervision teams has been deployed	NA	0
Encroachment in Parks, Footpaths etc.	0	Supervision teams has been deployed	NA	0
How many slums are provided with construction and demolition waste receptacles facilities	0	NA	0	0
Are municipal magistrates appointed for taking penal action for non-compliance with these rules:	Yes	No	Yes	Yes

District Name	CHARKHI DADRI	FARIDABAD
Name of the City or Town	CHARKHI DADRI	FARIDABAD
	Municipal Council Charkhi Dadri	Faridabad
Population (In Lakhs)	56337	17.70 Lakh
Name and address of local authority or competent authority	Municipal Council Charkhi Dadri	Commissioner, Municipal Corporation, Faridabad, BK Chowk, NIT Faridabad
Telephone No	01250-220056	0129-2416464
Email ID	secymc.dadri@gmail.com	cmc.mcfbd@gmail.com
Name of the Nodal Incharge	Arunk Kumar	Mr.Ravi Sharma, SE
Quantity and composition of construction and demolition waste including any deconstruction waste	0.6 TPD	300 TPD App.
Total quantity of construction and demolition waste generated during the whole year in metric ton	200 Ton	109500 App.
Any figures for lean period and peak period generation per day	0.6 TPD	-
Average generation of construction and demolition waste (TPD)	0.6 TPD	300 TPD App.
Total quantity of construction and demolition waste collected per day	0.6 TPD	270 TDP
Any Processing / Recycling Facility set up in the city	No	yes
Total quantity of construction and demolition waste processed / recycled (in metric ton)	Nil	-
Non-structural concrete aggregate	Nil	-
Manufactured sand	Nil	-
Ready-mix concrete (RMC)	Nil	-
Paving blocks	Nil	-
GSB	Nil	-
Others, if any, please specify	Nil	-
Total quantity of Construction & Demolition waste disposed by land filling without processing (last option) or filling low lying areas		-
No of landfill sites used	1 Temporary	98550 MT Approx.
Area used	2 Kanal (Temporary)	Along master Roads in greater Faridabad Sectors
Whether weigh-bridge facility used for quantity estimation	No	0
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	yes
Storage Facilities		
Area or location or plot or societies covered for collection of Construction and Demolition waste	Near Rawalldhi Bye Pass	The following three locations have been identified for management of C&D waste. <ul style="list-style-type: none"> *Mirzapur MCF Land for Ballabgarh Zone (10 acre approx.) *Pali Crusher Zone for NIT Zone (12 acre approx.) *Gaushtala Village Mawal for Old Faridabad Zone (05 acre approx.)
No. of large Projects (including roadways project) covered	NA	It is stated that the tender has been called by MCF and rate of Rs. 70/ MT has been received . It was approved by Govt. the LOA will be issued to contracted within two days the actual quantity of C&D waste will be ascertained
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority or Local Authority or through Private Agency or Non-Governmental Organization)	Nil	
Storage Bins Specification		
Containers or receptacle (Capacity)	NA	
Others, please specify	-	
Whether all storage bins/collection spots are attended for daily lifting	No	
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	No	
Transportation		
Truck	0	
Truck - Hydraulic	0	
Tractor - Traller	5 Tractor-trolley	
Dumper - Placer	2	
Tricycle	25	
Refuse-Collector	0	
Other (please specify)	45	

Whether any proposal has been made to improve Construction and Demolition waste management practices	-	Accordingly. The agency will collect C&D waste from all MCF area as well as household .
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	NA	
Dry Process	NA	
Wet Process	NA	
Other if any (please specify)	NA	
What provisions are available to check unauthorized operations of	-	
Encroachment on river bank or wet bodies	Supervision teams has been deployed	-
Unauthorized filling of low line areas	-	-
Mixing with solid waste	-	-
Encroachment in Parks, Footpaths etc.	-	-
How many slums are provided with construction and demolition waste receptacles facilities	NA	-
Are municipal magistrates appointed for taking penal action for non-compliance with these rules:	No	yes



District Name	FATEHABAD				
	FATEHABAD	RATIA	BHUNA	JAKHAL MANDI	TOHANA
Name of the City or Town	Municipal Council Fatehabad	Ratia	Bhuna	Jakhal Mandi,	Tohana
Population (In Lakhs)	89658	37852	30094 (Census 2011)	15000	63861 (Census 2011)
Name and address of local authority or competent authority	Municipal Council Fatehabad, Near Lal Batti, Fatehabad	Municipal Committee Ratia, Near Civil Hospital Ratia Distt. Fatehabad, Haryana	Municipal Committee Bhuna, Uklana Road Bhuna Distt. Fatehabad, Haryana	Municipal Committee Jakhal Mandi, Dist. Fatehabad, Haryana	Municipal Council Tohana, Near Shaheed Chowk, Chandigarh Road, Tohana
Telephone No	1667220032	9416527222	7876525444	9416277358	01692-230032
Email ID	municipalcouncilfatehabad@gmail.com	secratia@gmail.com	bhunamc@gmail.com	mcjakhalmandi@gmail.com	mctohana@rediffmail.com
Name of the Nodal incharge	Dr. Arvind Balyan E.O.	Sh. Balbir Singh S.J.	Pankaj Secretary	Jtender Kumar, Clerak	Sh. Ajayab Singh (Sanitary Inspector).
Quantity and composition of construction and demolition waste including any deconstruction waste	0.5 TPD	0.5 TPD	144 TPA	0.5 TPD	0.2 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	144 TPA	144 TPA	144 TPA	144 TPA	73 Tons
Any figures for less period and peak period generation per day	1 TPD	1 TPD	1 TPD	1 TPD	0.05 TPD
Average generation of construction and demolition waste (TPD)	0.5 TPD	0.5 TPD	0.5 TPD	0.5 TPD	0.2 TPD
Total quantity of construction and demolition waste collected per day	0.5 TPD	0.5 TPD	0.5 TPD	0.5 TPD	0.2 TPD
Any Processing / Recycling Facility set up in the city	C&D waste use into filling low lying areas, which is identified by municipality	C&D waste use into filling low lying areas, which is identified by municipality	C&D waste use into filling low lying areas, which is identified by municipality	C&D waste use into filling low lying areas, which is identified by municipality	No
Total quantity of construction and Non-structural concrete aggregate	Nil	Nil	Nil	Nil	Nil
Manufactured sand	Nil	Nil	Nil	Nil	Nil
Ready-mix concrete (RMC)	Nil	Nil	Nil	Nil	Nil
Paving blocks	Nil	Nil	Nil	Nil	Nil
GSB	Nil	Nil	Nil	Nil	Nil
Others, if any, please specify	Nil	Nil	Nil	Nil	Nil
Total quantity of Construction & Demolition waste disposed by land	0.5 TPD	0.5 TPD	0.5 tpd	0.5 tpd	
No of landfill sites used	One number of site identified as landfill at Near Tulsidas Chowk Ward No. 3 Fatehabad	1	1	1	
Area used	3 Acre	1 Acre	1 Acre	1 Acre	1 Acre
Whether weigh-bridge facility used for quantity estimation	No	No	No	No	No
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	No	No	NO	No
Storage Facilities					
Area or location or plot or societies covered for collection of Construction and Demolition waste	Near Tulsidas Chowk Ward No.3, Fatehabad (Approximate area for C&D waste collection area are 3acre)	Jakhal Mandi Road, near Gaushala	Kullan road, Bhuna	Near Railway line Jakhal Mandi	Near Railway line Ward No. 1Tohana
No. of large Projects (including roadway project) covered	Nil	Nil	Nil	Nil	Nil
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	No	No	No	No	No
Storage Bins Specification					
Containers or receptacle (Capacity)	Nil	NA	Nil	Nil	Nil
Others, please specify	NA	NA	NA	NA	Yes
Whether all storage bins/collection spots are attended for daily lifting	Near Tulsidas Chowk Ward No.3, Fatehabad	Jakhal Mandi Road, near Gaushala	Kullan road, Bhuna	Near Railway line Jakhal Mandi	Yes
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	Manual	Manual	Manual	
Transportation					
Truck	Nil	0	0	0	No
Truck - Hydraulic	Nil	0	0	0	No
Tractor - Trailer	1	1	1	1	Yes
Dumper - Pincer	Nil	0	0	0	No
Tricycle	2	2	2	2	No
Refuse-Collector	Nil	0	0	0	No
Other (please specify)	NA	0	0	0	JCB
Whether any proposal has been made to improve Construction and Demolition waste management practices	No	0	No	No	No
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	Yes	yes	yes	yes	
Dry Process	MRF	Through reg pickers	Through reg pickers	Through reg pickers	MRF
Wet Process	Composting	Composting Pit	Composting Pit	Composting Pit	Composting Pit
Other if any (please specify)	NA	No	No	No	No
What provisions are available to check unauthorized operations of	Notification issued for publicly regarding unauthorized duping of C&D waste in anywhere of city area is anybody make violence regarding this, then Municipality take a legal action as per rule of SWM-2016	Notification issued for publicly regarding unauthorized duping of C&D waste in anywhere of city area is anybody make violence regarding this, then Municipality take a legal action as per rule of SWM-2016	Notification issued for publicly regarding unauthorized duping of C&D waste in anywhere of city area is anybody make violence regarding this, then Municipality take a legal action as per rule of SWM-2016	Notification issued for publicly regarding unauthorized duping of C&D waste in anywhere of city area is anybody make violence regarding this, then Municipality take a legal action as per rule of SWM-2016	
Encroachment on river bank or wet bodies	No	No	No	No	
Unauthorized filling of low line areas	No	No	No	No	
Mixing with solid waste	No	No	No	No	
Encroachment in Parks, Footpaths etc.	No	No	No	No	
How many slums are provided with	1	2	2	2	
Are municipal magistrates appointed	Yes	Yes	Yes	Yes	

District Name	GURUGRAM					
	FATEHABAD	GURUGRAM	SOHNA	PATAUDI	FARUKH NAGAR	HAILY MANDI
Name of the City or Town	Municipal Council Fatehabad	Gurugram	SOHNA	Pataudi	FARUKHNAGAR	HAILY MANDI
Population (In Lakhs)	89658	876969	59719	20418 (Census 2011)	13513	22498
Name and address of local authority or competent authority	Municipal Council Fatehabad, Near Lal Batti, Fatehabad	Municipal Corporation Gurugram	Municipal Council Sohna, near girls school sohna distt mohali	Municipal Committee Pataudi	Municipal Committee Farrukhnagr	Municipal Committee, Haily Mandi
Telephone No	166720032	0124-2370911	0124-2238297	0124-2672869	7027655101	0124-2670294
Email ID	municipalouncilfatehabad@gmail.com	cmc@mcg.gov.in	mcsohna@gmail.com	svcmcpataudi@gmail.com	secymcfarrukhnagar@gmail.com	secy.mc.hailymandi@gmail.com
Name of the Nodal Incharge	Dr. Arvind Bahyan E.O.	Sh. Hari Om Attrij IC	Sushil Kumar	Sh. Narender Taneja, ME	Naim Hussain, ME	Pankaj Kumar ME
Quantity and composition of construction and demolition waste including any deconstruction waste	0.5 TPD	0	2 TPD	0.35 TPD	0.5 TPD	0.3
Total quantity of construction and demolition waste generated during the whole year in metric ton	144 TPA	853936 Tons	700 Tonns	130 Tons	146 TPA	10
Any figures for lean period and peak period generation per day	1 TPD	-	-	-	-	-
Average generation of construction and demolition waste (TPD)	0.5 TPD	2000 TPD	2 TPD	0.35 TPD	0.5 TPD	0.4
Total quantity of construction and demolition waste collected per day	0.5 TPD	2000 TPD	2 TPD	0.35 TPD	0.03 TPD	0.3
Any Processing / Recycling Facility set up in the city	C&D waste use into filling low lying area, which is identified by municipality	yes, 300 TPD and extended 1600 TPD	No	0	0	0
Total quantity of construction and non-structural concrete aggregate	Nil	307488 Tons	-	0	0	0
Manufactured sand	Nil	153845	-	0	0.27	0.27
Ready-mix concrete (RMC)	Nil	0	1.25 TPD	0	0.23	0.23
Paving blocks	Nil	0	0.5 TPD	0	0.48	0.48
GSS	Nil	0	0.25 TPD	0	0.51	0.51
Others, if any, please specify	Nil	40 MM, 20 MM & 10 MM grit silt	-	0	0.01	0.01
Total quantity of Construction & Demolition waste disposed by land	0.5 TPD	Yes	2	0.35 TPD	0.3	0.3
No of landfill sites used	One number of site identified as landfill at Near Tubidas Chowk Ward No. 3 Fatehabad	Low lying area	1	1	0	1
Area used	3 Acre	Low lying area	2 Acre	-	-	4800 Sq. mtr
Whether weigh-bridge facility used for quantity estimation	No	Yes	No	Yes	Yes	yes
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	No	Yes	Yes	Yes	yes
Storage Facilities		Yes				
Area or location or plot or societies covered for collection of Construction and Demolition waste	Near Tubidas Chowk Ward No.3, Fatehabad (Approximate area for C&D waste collection area are 3acre)	Area under MC limits of Gurugram is covered under collection of C&D waste	Dumping station	Near Moti Dugri Johd	11.5	11.5
No. of large Projects (including road works project) covered	Nil	No	-	No	No	NO
Whether Area or location or plot or societies collection is Practiced (If yes, whether done by Competent Authority)	No	Yes by Muniplal Corporation Gurugram	-	-	-	-
Storage bins Specification						
Containers or receptacle (Capacity)	Nil	NA	-	-	-	1.80 Cum
Others, please specify	NA	NA	-	-	-	No
Whether all storage bins/collection spots are attended for daily lifting	Near Tubidas Chowk Ward No. 3, Fatehabad	Na	-	-	Yes	yes
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	Manual	-	Manual	Manual	Mechanical
Transportation						
Truck	Nil	0	-	0	0	0
Truck - Hydraulic	Nil	0	0	0	0	0
Tractor - Trailer	1	73	1	2	2	2
Dumper - Placer	Nil	42	0	0	0	0
Tricycle	2	0	0	0	0	10
Refuse-Collector	Nil	0	0	0	0	0
Other (please specify)	NA	JCB 14	0	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	No	Yes	Yes	Yes	Yes	yes
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	Yes	-	Yes	-	-	-
Dry Process	MRF	Yes	-	0	0	0
Wet Process	Composting	Yes	-	0	0	0
Other if any (please specify)	NA	No	-	0	0	0
What provisions are available to check unauthorized operations of	Notification issued for unauthorized duping of C&D waste in anywhere of city area in anybody make violence regarding thik, then Municipality take a legal action as per rule of SWM-2016	Yes MCG has constituted an enforcement and implementation wing for C&D waste management	-	0	0	0
Encroachment on river bank or wet bodies	No	Yes	NO	0	0	0
Unauthorized filling of low line areas (Mixer with solid waste)	No	NO	No	0	0	0
Encroachment in Parks, Footpaths etc.	No	Nill	No	0	0	0
How many slums are provided with	1	Nill	-	0	0	0
Are municipal magistrates appointed	Yes	Yes	Yes	Yes	Yes	yes

District Name	HISAR						
	HISAR	Barwala	Sisai	HANSI	Bass	NARNAUND	UKLANA
Name of the City or Town	Hisar	Barwala	Sisai	Hansi	Bass	Narnaund	Ukalana
Population (in Lakh)	367472	43384	20200	86770	18085	17242	13219
Name and address of local authority or competent authority	Municipal Corporation Hisar, Near Malik Chowk Hisar 01662237001,01662 237884, Secy Cmchisar1@gmail.com	Municipal Committee Barwala near old bus stand	MC Sisai, Hisar District - Haryana	MC Hansi, Near Prithvi Raj Fort	MC Bass	Secretary MC Narnaund	Municipal Committee Ukalana, Approach Road Near Sangwan Hospital & Post Office Ukalana Mandi mckulana123@gmail.com
Telephone No	Sh. Hari kishan Sharma 9416355963 xcmchisar@gmail.com	01693-242149		01663-254008		9416719490	01693-233142
Email ID	xcmchisar@gmail.com	seymbarwala@gmail.com	seymcsisai@gmail.com	seymchansi@gmail.com	seymcbass@gmail.com	seymcnd11@gmail.com	mckulana123@gmail.com
Name of the Nodal Incharge	Sh. Hari kishan Sharma	Sh. Deepak Singh	Sh. Rajesh Dalal (8059052991)	Jai Veer Singh, ME	Sh. Parveen Kumar, JE	Sh. Rajesh Dalal (8059052991)	Sh. Deepak Jhamb
Quantity and composition of construction and demolition waste including any deconstruction waste	7 TPD	0.5 TPD	0	0.75 TPD	0.4 TPD	0.8 TPD	0.5 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	2000 Tons	160 TPD	0	170 TPD	146 TPD	290 Ton	170 TPD
Any figures for less period and peak period generation per day	5 to 7 TPD	0.5 TPD	0	0.70 TPD	0.4 TPD	0.2 to 0.8 TPD	0.5 tpd
Average generation of construction and demolition waste (TPD)	7 TPD	0.5 TPD	0	0.70 TPD	0.4 TPD	0.8 TPD	0.5 tpd
Total quantity of construction and demolition waste collected per day	7 TPD	0.5 TPD	0	0.70 TPD	0.4 TPD	0.8 TPD	0.5 tpd
Any Processing / Recycling Facility set up in the city	Only C&D storage facility available	Only C&D storage facility available	0	Only C&D storage facility available	No	Nil	Only C&D storage facility available
Total quantity of construction and demolition waste	Only C&D storage	Only C&D	0	Only C&D	NA	0	Only C&D storage
Non-structural concrete aggregate	NA	NA	0	NA	NA	0	0
Manufactured sand	NA	NA	0	NA	NA	0	0
Ready-mix concrete (RMC)	NA	NA	0	NA	NA	0	0
Paving blocks	NA	NA	0	NA	NA	0	0
CSB	NA	NA	0	NA	NA	0	0
Others, if any, please specify	NA	NA	0	NA	NA	0	0
Total quantity of Construction & Demolition waste disposed by land	5 tpd	0.3 TPD	0	0.5 TPD	0.51 MT	0.6 MT	0.3 TPD
No of landfill sites used	1	1	0	1	1	1	1
Area used	5 Acre	1 Acre	0	2 acre	1.5	0.5 acre	1 Acre
Whether weigh-bridge facility used for quantity estimation	No	NA	0	No	No	No	NO
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	NA	0	No	No	No	NO
Storage Facilities			0				
Area or location or plot or societies covered for collection of Construction and Demolition waste	All the area covered by MC Hisar for this MC hisar has established a helpline no.	All the area covered by MC Barwala for this MC Barwala has established a helpline no.	0	All the area covered by MC Hansi for this MC Hansi has established a helpline no.	All area covered by MC Bass	All area covered by MC Narnaund	All the area covered by MC Ukalana for this MC Hansi has established a helpline no.
No. of large Projects (including roadworks projects) covered	no	NA	0	No	No	No	No
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	Done by MC Hisar	Done by MC Barwala	0	Done by MC Hansi	NA	NARNAUND	Done by MC Ukalana
Storage Bin Specification			0				
Containers or receptacle (Capacity)	No storage bins are installed	No storage bins are installed	0	No storage bins are installed	No storage bins are installed	No storage bins are installed	No storage bins are installed
Others, please specify	-	NA	0	-	-	-	-
Whether all storage bins/collection spots are attended for daily filling	NA	NA	0	NA	NA	NA	NA
Whether filling of Construction & Demolition Waste from Storage bins is manual or mechanical	NA	NA	0	NA	NA	NA	NA
Transportation			0				
Truck	0	0	0	0	0	0	0
Truck - Hydraulic	0	0	0	0	0	0	0
Tractor - Trailer	14	1	2	1	1	2	1
Dumper - Placer	0	0	0	0	0	0	0
Tricycle	0	0	8	0	0	15	0
Refuse-Collector	0	0	0	0	0	0	0
Other (please specify)	0	0	0	0	0	0	0

Whether any proposal has been made to improve Construction and Demolition waste management practices	No	NO	0	No	No	No	No
Have any efforts been made to involve PFP for processing of Construction & Demolition waste:	no	No	0	No	No	No	No
Dry Process	0	0	0	0	0	0	0
Wet Process	0	0	0	0	0	0	0
Other if any (please specify)	-	0	0	0	-	0	0
What provisions are available to check unauthorized operations of	Penalty provisin for unauthozed C&D waste.	Penalty provisin for unauthozed C&D waste.	0	Penalty provisin for unauthozed C&D waste.	Penalty provisin for unauthozed C&D waste.	Penalty provisin for unauthozed C&D waste.	Penalty provisin for unauthozed C&D waste.
Encroachment on river bank or wet bodies	No	No	0	No	No	No	No
Unauthorized filling of low line areas	Nil	No	0	No	No	No	No
Mixing with solid waste	Nil	No	0	NA	No	No	No
Encroachment in Parks, Footpaths etc.	Nil	No	0	NA	No	No	No
How many slums are provided with	no	No	0	Np	No	NA	No
Are municipal magistrates appointed	Yes	Yes	0	Yes	yes	Yes	Yes

District Name	JIND				
	JIND	SAFIDON	UCHANA	JULANA	NARWANA
Name of the City or Town	Jind	SAFIDON	Uchana	Julana	Narwana
Population (In Lakhs)	167592	42500	19400	18755	68000
Name and address of local authority or competent authority	Municipal Council Safidon	Municipal Committee Safidon	MC Uchana	Near Railway Station Julana	MC Narwana
Telephone No	01684-246358	1686262008	1684231699	01683-275733	Ph.01684-242110
Email ID	mcjind2013@gmail.com	secymc.safidon@gmail.com	mcuchana11@gmail.com	secmrcjulana@gmail.com	Secymc.narwana@gmail.com
Name of the Nodal Incharge	Sh. Sumit Malik XEN	Sh. Ashok Kumar, Municipal Engineer mc Safidon.	Bhupinder Singh, ME	Sh. Suresh Kumar ME	Sh. LC Chauhan XEN
Quantity and composition of construction and demolition waste including any deconstruction waste	4 TPD	0.2 TPD	0.1 TPD	0.2 TPD	0.2 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	1400	72 TPD	37 TPD	72 Tons	73 Tons
Any figures for lean period and peak period generation per day	4 TPD	0.2 Tpd	0.1 TPD	0.2 Tpd	0.2 TPD
Average generation of construction and demolition waste (TPD)	4 TPD	0.2 Tpd	0.1 TPD	0.2 Tpd	0.2 TPD
Total quantity of construction and demolition waste collected per day	4 TPD	0.2 Tpd	0.1 TPD	0.2 Tpd	0.2 TPD
Any Processing / Recycling Facility set up in the city	Tie-up with Kissan Tiles and used in road construction	0	0	0	0
Total quantity of construction and Non-structural concrete aggregate	1300 TPD	0	0	0	0
Manufactured sand	200 TPD	0	0	0	0
Ready-mix concrete (RMC)	NA	0	0	0	0
Paving blocks	400 TPD	0	0	0	0
GSB	100 TPD	0	0	0	0
Others, if any, please specify	200 TPD	0	0	0	0
Total quantity of Construction & Demolition waste disposed by land	400 TPD	72 Tons	37 Tons	72 Tons	73 Tons
No of landfill sites used	25	1	2	1	3
Area used	5 Acre	2500 Sq. Yard	2000 Sq. Yard	2000 Sq. Yard	4200 Sq. yard
Whether weigh-bridge facility used for quantity estimation	0	No	No	No	No
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	0	No	No	No	No
Storage Facilities	NA				
Area or location or plot or societies covered for collection of Construction and Demolition waste	4 Acre	C&D waste collection center near Assandh Bye pass	C&D waste collection center near Khedi Masania road	C&D waste collection center near Hadwara	C&D waste collection center near LIC road
No. of large Projects (including roadways project) covered	0	0	0	No	0
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	0	By MC Safidon	By MC Uchana	By MC Julana	By MC Narwana
Storage Bins Specification					
Containers or receptacle (Capacity)	0	0	0	No	0
Others, please specify	0	0	0	No	0
Whether all storage bins/collection spots are attended for daily lifting	Yes	Yes	Yes	yes	Yes
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	Manual	Manual	Manual	Manual
Transportation					
Truck	0	0	0	0	0
Truck - Hydraulic	4	0	0	0	0
Tractor - Trailer	1	1	0	1	1
Dumper - Placer	0	0	0	0	1
Tricycle	0	0	5	0	5
Refuse-Collector	0	0	0	0	0
Other (please specify)	0	0	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	Yes	Used for constructin of streets and roads	0	Used for constructin of streets and roads	-
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	-	No		No	-
Dry Process	4 TPD	0	0	0	0
Wet Process	0	0	0	0	0
Other if any (please specify)	0	0	0	0	0
What provisions are available to check unauthorized operations of	NA				
Encroachment on river bank or wet bodies	Zone wise team have been constitutin for this type of activity	No, team constituted for regular monitoring	No, team constituted for regular monitoring	No, team constituted for regular monitoring	No, team constituted for regular monitoring
Unauthorized filling of low line areas Mixing with solid waste	Zone wise team have been constitutin for this type of activity	No, team constituted for regular monitoring	No, team constituted for regular monitoring	No, team constituted for regular monitoring	No, team constituted for regular monitoring
Encroachment in Parks, Footpaths etc.	Zone wise team have been constitutin for this type of activity	No	No	No	No

How many slums are provided with	0	0	NO	0	No
Are municipal magistrates appointed	Yes	yes	Yes	No	Yes

District Name	JHAJJAR		
	JHAJJAR	BAHADURGARH	BERI
Name of the City or Town	Municipal Committee Jhajjar, Haryana.	Municipal Council Bahadurgarh	Municipal Committee Beri, Haryana.
Population (in Lakhs)	48424	170767	20700
Name and address of local authority or competent authority	Municipal Committee Jhajjar, Old Teh. Road near Woman Police Station, Jhajjar (Haryana).	Municipal Council Bahadurgarh, Delhi Rohtak Road near Jhajjar chowk	Municipal Committee Beri, Near Jhajgarh Road. secy.mc.beri@gmail.com
Telephone No	01251-252009	01276- 230204	9416022295
Email ID	siscvcmchajjar@gmail.com	mcbgarh2016@gmail.com	secy.mc.beri@gmail.com
Name of the Nodal Incharge	Shashi Kant ME	Naveen Dhankar, XEN	Yogesh Rathi, ME
Quantity and composition of construction and demolition waste including any deconstruction waste	1 TPD	2 TPD (Approx)	0.5 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	300 Ton per year	750 Ton (Approx)	150 Tone
Any figures for lean period and peak period generation per day	-	2 TPD (Approx)	-
Average generation of construction and demolition waste (TPD)	1 TPD Approx.	2 TPD (Approx)	0.5 TPD
Total quantity of construction and demolition waste collected per day	1 TPD Approx.	1 TPD	0.5 TPd
Any Processing / Recycling Facility set up in the city	C&D waste used for low laying area of the city	---	C&D waste used for low laying area of the city
Total quantity of construction and non-structural concrete aggregate	100 Tonns Apprx.	500 Tonns Apprx.	50 Tonns Apprx.
Manufactured sand	0	NII	0
Ready-mix concrete (RMC)	0	NII	0
Paving blocks	0	NII	0
GSB	0	NII	0
Others, if any, please specify	used in low laying area	Used in low lying area	Used in low lying area
Total quantity of Construction & Demolition waste disposed by land	200 tone.	500 Ton (Approx)	100 Tone
No of landfill sites used	1 No.	1 No.	1 No.
Area used	1 acre.	1.0 acre	1 acre
Whether weigh-bridge facility used for quantity estimation	No	No	No.
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	No	No.
Storage Facilities			
Area or location or plot or societies covered for collection of Construction and Demolition waste	Yes	No	No
No. of large Projects (including roadways project) covered	no	No	No.
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	MC Jhajjar land identified for C&D waste collection & Storage (Bahadurgarh road Near Delhi Gate)	C&D waste of MC Bahadurgarh sent to Naya gaon Badli road SWM Site.	MC beri land identified for C&D waste collection & Storage
Storage Bins Specification (Shap& Size)	(Shap& Size)	(Shap& Size)	(Shap& Size)
Containers or receptacle (Capacity)	---	---	-
Others, please specify	---	---	-
Whether all storage bins/collection spots are attended for daily lifting	Yes	Yes	Yes.
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	Manual	Manual
Transportation	yes	yes	Yes.
Truck	0	0	0
Truck - Hydraulic	0	0	0
Tractor - Trailer	1	1	1 Tractor
Dumper - Placer	0	0	0
Tricycle	1	1	1
Refuse-Collector	0	0	0
Other (please specify)	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	no	no	no
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	no	no	no
Dry Process	0	0	1 TPD
Wet Process	0	0	0
Other if any (please specify)	0	0	0
What provisions are available to check unauthorized operations of	-	-	-
Encroachment on river bank or wet bodies	as per municipal committee Act 1973	as per municipal committee Act 1973	as per municipal committee Act 1973
Unauthorized filling of low line areas Mixing with solid waste	-	-	-
Encroachment in Parks, Footpaths etc.	Safai Daroga round up/fine	-	-
How many slums are provided with	No	No	No
Are municipal magistrates appointed	No	No	No.

District Name	Kurukshetra				
	THANESAR	SHAHABAD	LADWA	PEHOWA	ISMAILABAD
Name of the City or Town	Municipal Council Thanesar	Shahabad	Municipal Committee Ladwa, Indri Road, Ladwa	Pehowa	ISMAILABAD
Population (In Lakhs)	155152	42607	28887	38853	16133
Name and address of local authority or competent authority	B N Bharti and Municipal Council Thanesar	MC Shahabad		Near Jain hospital Pehowa	Municipal Committee Ismailabad
Telephone No	9813166392	01744-240025	01744-262668	01744-221703	01744-297533
Email ID	secymchaesar@gmail.com	Secymc.shahabad@hry.nic.in	secymc.ladwa@yahoo.com	s.pehowa@yahoo.com	secymcismail@hmail.com
Name of the Nodal Incharge	Sh. Naveen Kumar, ME	Sh. Bambhool Singh	Sh. Raj Kumar	smt Meenakshi Devi, Sanitary Inspector	Sh. Sanjay Kumar (SI)
Quantity and composition of construction and demolition waste including any deconstruction waste	0.1 TPD	1	20MT	30 MT	0.0001 tpd
Total quantity of construction and demolition waste generated during the whole year in metric ton	36 TPA	250	240 TPA	340M/ton per year	0.0008 tpd
Any figures for lean period and peak period generation per day	-	-	1Ton	1.5 m/ton	-
Average generation of construction and demolition waste (TPD)	0.1 TPD	1	0.66 TPD	088 tpd	0.0001 TPD
Total quantity of construction and demolition waste collected per day	0.1 TPD	1	Nil	Nil	0.0001 TPD
Any Processing / Recycling Facility set up in the city	NO	No	0	No	No
Total quantity of construction and demolition waste	Nil	-	0	Nil	Nil
Non-structural concrete aggregate	Nil	-	0	Nil	Nil
Manufactured sand	Nil	-	0	Nil	Nil
Ready-mix concrete (RMC)	Nil	-	0	No	Nil
Paving blocks	Nil	-	0	No	Nil
GSB	Nil	-	0	No	Nil
Others, if any, please specify	Nil	-	0	No	Nil
Total quantity of Construction & Demolition waste disposed by land	0	Approx 200 Ton used in low lying area	0	Nil	NO
No of landfill sites used	0	Barara Road Near Truck Union	0	Nil	Nil
Area used	0	1 Kanal	0	Nil	Nil
Whether weigh-bridge facility used for quantity estimation	0	No	0	No	Nil
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	0	No	0	No	Nil
Storage Facilities			0		
Area or location or plot or societies covered for collection of Construction and Demolition waste	20 Marias Village Bahari	Barara Road Near Truck Union	0	No	5 Marle
No. of large Projects (including roadways project) covered	No	0	0	No	No
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	No	No	0	No	No
Storage Bins Specification			0		
Containers or receptacle (Capacity)	No	No	0	No	Nil
Others, please specify	No	1 Tractor trolly is employed	0	No	Nil
Whether all storage bins/collection spots are attended for daily lifting	Yes	-	0	No	Nil
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	-	-	Manual	manual	No
Transportation	-	0	0		
Truck	0	0	0	Nil	0
Truck - Hydraulic	0	1	0	Nil	0
Tractor - Trailer	1	0	1	2	1
Dumper - Placer	0	0	0	nil	0
Tricycle	0	0	0	Nil	0
Refuse-Collector	0	0	0	Nil	0
Other (please specify)	0		0	nil	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	Yes	RFP model estimate is pending for administrative approval	0	No	RFP Model estimate is pending for administrative approval
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	No	NO	0	No	No
Dry Process	Nil	0	0	No	Nil
Wet Process	Nil	0	0	No	Nil
Other if any (please specify)	Nil	0	0	No	Nil
What provisions are available to check unauthorized operations of		0	0		-
Encroachment on river bank or wet bodies	Nil	Time to time chekcing is done by constituted team. So that no encroachment has been done near river bank or any water body	0	No	No river water bodies exist in MC Area
Unauthorized filling of low line areas Mixing with solid waste	Nil	imposing fine	0	No	NA
Encroachment in Parks, Footpaths etc.	Nil	Removed time to time if any	0	No	Removed time to time
How many slums are provided with	0	3	0	No	NA
Are municipal magistrates appointed	Yes	Yes	0	No	yes

District Name	KAITHAL				
	KAITHAL	PUNDRI	CHEEKA	KALAYAT	RAJOUND
Name of the City or Town	Kaithal	Pundri	cheeka	Kalayat	Rajound
Population (In Lakhs)	144915	18872	39450	20660	17434 as per census 2011
Name and address of local authority or competent authority	Municipal Council Kaithal	Muniipal Committee Pundri	Municipal Committee Cheeka, Near Ch. Devi Lal park, Cinema road Cheeka	Muniipal Committee Kalayat	MC Rajound
Telephone No	70151-98025	01746-270273	01743-221503	01746-260003	1746-256257
Email ID	mckaithal@gmail.com	secretarymcpundri101@gmail.com	MCCHEEKA786@GMAIL.COM	Secretarymckalayat@gmail.com	sv.rajound@gmail.com
Name of the Nodal Incharge	Sh. Dharambir Singh, Secy.	Sh. Ashok Kumar (Secretary)	Sh. Khushi Ram Junior Engineer MC Cheeka. 9729819732	Sh. Adrash Kumar (JE)	Ashok Kumar, ME
Quantity and composition of construction and demolition waste including any deconstruction waste	5 TPD	0.0015 tpd	0.1	0.5	0.025 tpd
Total quantity of construction and demolition waste generated during the whole year in metric ton	1825 Tonne	0.55 Tpd	36	180	9 TPA
Any figures for lean period and peak period generation per day	-	0.0015 tpd	-	-	-
Average generation of construction and demolition waste (TPD)	5 TPD	0.0015 tpd	0.1	0.5	0.025
Total quantity of construction and demolition waste collected per day	5 TPD	0.0015 tpd	0.1	0.5	0.025
Any Processing / Recycling Facility set up in the city	No	No	No	No	No
Total quantity of construction and demolition waste disposed by land	No	No	No	No	0.025
Non-structural concrete aggregate	No	No	No	No	0
Manufactured sand	No	No	No	No	0
Ready-mix concrete (RMC)	No	No	No	No	0
Paving blocks	No	No	No	No	0
GSB	No	No	No	No	0
Others, if any, please specify	No	No	No	Earth filling in low line area	0
Total quantity of Construction & Demolition waste disposed by land	-	Low laying area	0.6	0.5	0
No of landfill sites used	-	1	1 (Revenue rasta of MC agriculture land)	Nil	0
Area used	-	131.98 sqm	1600 sqft.	Nil	0
Whether weigh-bridge facility used for quantity estimation	Yes	No	No	No	0
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	No	No	No	0
Storage Facilities					0
Area or location or plot or societies covered for collection of Construction and Demolition waste	Near Kapishtal Nandi Gaushala, Bhaini Majra	Pundri Urban	1.5 Acre Khrodi Road	0.5 Acre Pinjupra Road	Gas agency road, Rajound
No. of large Projects (including roadways project) covered	No	Nil	Nil	Nil	NO
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	No	No	Nil	Nil	NO
Storage Bins Specification					No
Containers or receptacle (Capacity)	No	No	-	-	No
Others, please specify	-	No	-	-	No
Whether all storage bins/collection spots are attended for daily lifting	No	No	Yes	Yes	No
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	No	-	Manual	Manual	Manual
Transportation					

Truck	0	0	0	0	0
Truck - Hydraulic	0	0	0	0	0
Tractor - Trailer	0	1	1	1	0
Dumper - Placer	0	0	0	0	0
Tricycle	0	0	0	0	0
Refuse-Collector	0	0	0	0	0
Other (please specify)		0	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	Used for construction of roads	No	yes	Yes	Use for construction of street /road
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	yes	No	nil	Nil	yes
Dry Process	30	-	No	No	30
Wet Process	20	-	No	No	30
Other if any (please specify)	No	Nil	No	No	No
What provisions are available to check unauthorized operations of		-	0	Nil	-
Encroachment on river bank or wet bodies	Enforcement team constitute	With the Help of Building Branch	No	No	Enforcement/Challan
Unauthorized filling of low line areas Mixing with solid waste	Enforcement/Challans	With the Help of Building Branch	No	No	Enforcement/Challan
Encroachment in Parks, Footpaths etc.	Enforcement/Challans	With the Help of Building Branch	No	No	Enforcement/Challan
How many slums are provided with	Nil	Nil	No	No	Nil
Are municipal magistrates appointed	No	No	Yes	No	No

District Name	KARNAL						
	KARNAL	TARAORI	NILOKHERI	GHARAUNDA	ASSANDH	INDRI	NISSING
Name of the City or Town	Karnal	TARAORI (KARNAL) HARYANA	Nilokheri	Gharaunda	Assandh	Indri	Nissing
Population (In Lakhs)	410000	25944 (According to census 2011)	17938	37871	27125	17487	17438
Name and address of local authority or competent authority	Municipal Corporation Karnal Opp. D.A.V School, Karnal	MUNICIPAL COMMITTEE, TARAORI 01745-042114 secvcm.tarauri@hry.nic.in	Municipal Committee Nilokheri	Municipal Committee Gharaunda	MC Assandh	Municipal Committee, Indri, Near Bus Stand	Municipal Committee, Nissing, Old Post Office wall gali
Telephone No	1844044504	01745-242114	01745-247520	01748-250070	1749277044	1842383528	01745-271608
Email ID	09karnal@gmail.com	secvcm.tarauri@hry.nic.in	secvcm.nilokheri@hry.nic.in	secvcm.gharaunda@gmail.com	secvcm.assandh@gmail.com	secvcm.indri@gmail.com	secvcm.nissing@yahoo.com
Name of the Nodal Incharge	Shri Akshay Bhardwaj Executive Engineer-II, Municipal Corporation Karnal	Narender Kumar Sharma, Secretary	Ms. Shivani Panchal, Secretary	Sandeep Rathi ME	Ashok Kumar	Sh Ashok Kumar,	Sh. Surinder Sharma
Quantity and composition of construction and demolition waste including any deconstruction waste		0.1 TPD	0.7 TPD	1.2 TPD	nil	0	1 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	8000MT	36.50 Tons	255.5 MT	438 TPA	0	0	365 TPA
Any figures for lean period and peak period generation per day				0.1 to 1.2 TPD	0	0	
Average generation of construction and demolition waste (TPD)	22 TPD	0.10 TPD	0.7 TPD	1.2 TPD	1 TPD	1 TPD	1
Total quantity of construction and demolition waste collected per day	22 TPD	0.10 TPD	0.7 TPD	1.2 TPD	Nil	0	1
Any Processing / Recycling Facility set up in the city	Only C&D waste storage facility available	No processing facility available in MC Taraori	No processing facility available in MC Nilokheri	Yes	Nil	0	Nil

Total quantity of construction and demolition waste processed / recycled (in metric ton)	C&D waste processing facility not available	0	0	Nil	Nil	0	Nil
Non-structural concrete aggregate	NA	0	0	Nil	Nil	0	Nil
Manufactured sand	NA	0	0	Nil	Nil	0	Nil
Ready-mix concrete (RMC)	NA	0	0	Nil	Nil	0	Nil
Paving blocks	NA	0	0	Nil	Nil	0	Nil
GSB	NA	0	0	Nil	Nil	0	Nil
Others, if any, please specify	NA	0	0	Nil	Nil	0	Nil
Total quantity of Construction & Demolition waste disposed by land filling without processing (last option) or filling low lying areas	6000MT	36.50 Tones	255.5 MT		nil	0	
No of landfill sites used	44	36.50 Tones C&D waste is being by the public at their own law laying area by their own sources	255.5 MT C&D waste is being used by the public for own low lying area by their own sources	1	NIL	0	Nil
Area used	3600sqr. Mtrs	Nil	Nil	No	Nil	0	0.08 Acres
Whether weigh-bridge facility used for quantity estimation	No	No	No	No	nil	0	No
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	Yes	No	No	No	nil	0	Sometime filled by local people
Storage Facilities		-----				0	

Area or location or plot or societies covered for collection of Construction and Demolition waste	All the areas under the jurisdiction of Municipal Corporation Karnal are covered for collection of C&D waste. For this, Municipal Corporation Karnal has established a helpline number	Dumping site, Nadana road Taraori	Dumping place; At Kali Mata Mandir Road, ward No. 6 Nilokheri	Village Begumpur	Near community center ward No.06 Kaithal Bye pass road, Assandh	Indri, Karnal Bypass Road	0.25 Acre Near Mata Sundri Khalsa Girls College
No. of large Projects (including roadways project) covered	No	0	0	Nil	Nil	0	Nil
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority or Local Authority or through Private Agency or Non-Governmental Organization)	Done by ULB			Nil	Through private agency	0	Nil
Storage Bins Specification			0				Nil
Containers or receptacle (Capacity)	NA	0		Nil	01 Tractor-trolley	01 Tractor-trolley	Nil
Others, please specify	NA	0	Nil	Nil		0	Nil
Whether all storage bins/collection spots are attended for daily lifting	Storage bins not available, C & D waste are transported directly to designated collection centre. For this, Municipal Corporation Karnal has developed a helpline centre.	No storage bins	No Storage bins	Nil	NA	0	Nil
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Mechanical	0		Mechanical	NA	0	Nil
Transportation		0				0	
Truck	0	0	0	0	0	0	0
Truck - Hydraulic	0	0	0	0	0	0	0

Tractor - Trailer	8	1	1 tractor-trolley	1	1	1	1
Dumper - Placer	1	0	0	0	0	0	0
Tricycle	0	0	0	0	0	0	13
Refuse-Collector	0	0	0	0	0	0	0
Other (please specify)	0	0	0	0	0	0	
Whether any proposal has been made to improve Construction and Demolition waste management practices	No	0	0	Nil	0	0	Nil
Have any efforts been made to involve PPP for processing of Construction & Demolition waste.	No	0	0	Nil	0	0	No
Dry Process	NA	0	0	Nil	0	0	0
Wet Process	NA	0	0	Nil	0	0	0
Other if any (please specify)	NA	0	0	Nil	0	0	0
What provisions are available to check unauthorized operations of	Penalty provision for unauthorized C&D waste dumping and user fee to collect C&D waste has been put and the same has been issued in newspapers for public information. A control center has been developed with call hunting facilities for collection of C&D waste & unauthorized C&D waste dumping related issues. Municipal Corporation Karnal has registered 08 collection vehicles to cater C&D waste from all the area.	Team has been constituted	Team has been constituted	Nil	Regular monitor the disposal of C&D waste.	Regular monitor the disposal of C&D waste	NIL
Encroachment on river bank or wet bodies		Team has been constituted	Team has been constituted	Nil	0	NA	0
Unauthorized filling of low line areas Mixing with solid waste		NIL	No	Nil	0	NA	0
Encroachment in Parks, Footpaths etc.		Team has been constituted	Team has been constituted	Nil	0	NA	0
How many slums are provided with construction and demolition waste receptacles facilities	NA	NIL	Nil	Nil	0	NA	0
Are municipal magistrates appointed for taking penal action for non-compliance with these rules.	No	NIL	Nil	Nil	0	NA	

District Name	MOHINDERGARH				
	MOHINDERGARH	NARNAUL	Nangal Chaudhary	KANINA	ATELI MANDI
Name of the City or Town	Mahendergarh	Narnaul	Nangal Chaudhary	KANINA	Ateli Mandi
Population (in Lakhs)	29128	145897	18537	16090	9210
Name and address of local authority or competent authority	Ambedkar Chowk	MC Narnaul	Municipal Committee Nangal Choudhary	Ambedkar Chowk	
Telephone No	01285-220234	01282-251248	01282-278547	01285-235220	01282-275075
Email ID	secy.mcmahendergarh@gmail.com	secmharnaul@gmail.com	secmcnch@gmail.com	ms.kanina@gmail.com	secy.mcateli@gmail.com
Name of the Nodal Incharge	Sh. Pardeep Kumar	Harish Chander (JE)	Rajesh kaushik, Junior Engineer	Sh. Rakesh Kumar Safai Daroga	Manish Kumar Safai Daroga
Quantity and composition of construction and demolition waste including any deconstruction waste	0.8 TPD	2 tpd	0.300 TPD	3.65 Tons	0.07 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	288	730 TPA	1100 MT	3.65 Tons	26 MT
Any figures for lean period and peak period generation per day		0.02 to 2 tpd			
Average generation of construction and demolition waste (TPD)		1 TPD	0.300 TPD	Nil	0
Total quantity of construction and demolition waste collected per day	0.2 MT	1 TPD	0.300 TPD	0.01 TPD	0.01 TPD
Any Processing / Recycling Facility set up in the city	No	No	No	Nil	Nil
Total quantity of construction and demolition waste processed / recycled (in metric ton)	Nil	NA	NA	Nil	Nil
Non-structural concrete aggregate	Nil	NA	NA	Nil	Nil
Manufactured sand	Nil	NA	NA	Nil	Nil
Ready-mix concrete (RMC)	Nil	NA	NA	Nil	Nil
Paving blocks	Nil	NA	NA	Nil	Nil
GSB	Nil	NA	NA	Nil	Nil
Others, if any, please specify	Nil	Nil	NA	Nil	Nil
Total quantity of Construction & Demolition waste disposed by land filling without processing (last option) or filling low lying areas	Nil		1100 MT		Nil
No of landfill sites used	Nil	1	1	1 (Manka Wali Bani)	1 (Village Khor)
Area used	Nil	3.5 Acre	1 Acre	8 Acre	0.25 Acre
Whether weigh-bridge facility used for quantity estimation	No	No	yes	No	No
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	No	NO	No	No
Storage Facilities					
Area or location or plot or societies covered for collection of Construction and Demolition waste	1800 Yard	1 Acre	1 Acre	Manka Wali Bani (8 Acre)	0.25 Acre (Village khor)
No. of large Projects (including roadways project) covered	No	No	No	No	No
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority or Local Authority or through Private Agency or Non-Governmental Organization)	Yes by MC Mahendergarh	No	No	No	No
Storage Bins Specification					
Containers or receptacle (Capacity)	Nil	0	0	0.7641 Sq. mtr	
Others, please specify	Nil	0	0		
Whether all storage bins/collection spots are attended for daily lifting	Nil	No	0	Yes	Yes
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	No	0	Manual	Manual
Transportation					
Truck	0	0	0	0	0
Truck - Hydraulic	0	0	0	0	0
Tractor - Trailer	3 (Tractor With trolley)	5	4	3	2
Dumper - Placer	0	1	0	0	0
Tricycle	0	20	0	0	0
Refuse-Collector	0	0	0	0	0
Other (please specify)	0	Garbage rail-20		2	4
Whether any proposal has been made to improve Construction and Demolition waste management practices	No	no	Site are being identified for collection of C&D waste	2	1
Have any efforts been made to involve PPP for processing of Construction & Demolition waste	0	No	No		
Dry Process	No	NA	NA	Nil	No
Wet Process	No	NA	NA	Nil	No
Other if any (please specify)	No	Na	NA	N.A	NO
What provisions are available to check unauthorized operations of		Nil			

Encroachment on river bank or wet bodies	Regular inspection is done by MC Field staff	Nil	No	No	NA
Unauthorized filling of low line areas Mixing with solid waste	Regular inspection is done by MC Field staff	nA	NA	Yes	Yes
Encroachment in Parks, Footpaths etc.	Regular inspection is done by MC Field staff	Nil	No	No	Nil
How many slums are provided with construction and demolition waste receptacles facilities	No	Nil	Identificatin of 2 sites in all 13 ward for C&D waste collection is in progress	Nil	Nil
Are municipal magistrates appointed for taking penal action for non-compliance with these rules.	No	No	Municipal Magistrate will be appointed after identification of C&S waste collection site.	Yes	Yes

District Name	A team has been constituted for checking/stopping the encroachment on river bank or wet bodies.			
	NUH	FEROZPUR JHIRKHA	TAORU	PUNHANA
Name of the City or Town	Nuh	Ferozpur Jhirka	Taruru	Punhana
Population (in Lakhs)	22250	24750	26891	30000
Name and address of local authority or competent authority	Municipal Committee near sabji mandi civil lines Nuh Haryana 122107	Municipal Committee ward no. 15 Nuh Haryana	Municipal Committee Taoru Pataudi Road, Taoru, Distt. Mewat(Nuh) Haryana-122105	Municipal Committee Punhana Hodal Badakli Road Punhana
Telephone No	01267-271239	01268-277232	Tel /FaxNo: 01267282298	01268-2712511
Email ID	Secymc.nuhmewat@gmail.com	secymc.jhirka@hry.nic.in	secv.mctaruru@gmail.com	secymc.punhana@hry.nic.in https://nuh.gov.in
Name of the Nodal Incharge	Sh. Vikrant JE Municipal Committee, Nuh	Sh. Vikrant JE	Naresh Kumar ME	Ankit Dhanker, JE Municipal Committee, Punhana.
Quantity and composition of construction and demolition waste including any deconstruction waste	0.6 TPD	0.05 TPD	0.56 TPD	0.5
Total quantity of construction and demolition waste generated during the whole year in metric ton	180 TPA	187 TPA	150 TPA	182 tpd
Any figures for lean period and peak period generation per day	-	0.1 to 1.5 TPA	-	0.1 to 0.5 tpd
Average generation of construction and demolition waste (TPD)	0.45 TPD	0.30 TPD	0.41 TPD	0.3 TPD
Total quantity of construction and demolition waste collected per day	nil	0.5 TDP	-	0.5 TPD
Any Processing / Recycling Facility set up in the city	nil	0	NO	nil
Total quantity of construction and demolition waste processed / recycled (in metric ton)	nil	0	0	Not processed and recycled
Non-structural concrete aggregate	nil	0	0	Nil
Manufactured sand	nil	0	0	Nil
Ready-mix concrete (RMC)	nil	0	0	Nil
Paving blocks	nil	0	0	Nil
GSB	nil	0	0	Nil
Others, if any, please specify	nil	0	0	Nil
Total quantity of Construction & Demolition waste disposed by land filling without processing (last option) or filling low lying areas	0.6 TPA	0.05 TPD	0.56	0.5
No of landfill sites used	1	1	1	1
Area used	2500 Sq. Mtr	2000 Sq. Mtr	2000 Sq. Mtr	4000 Sq. mtr
Whether weigh-bridge facility used for quantity estimation	NA	NA	NA	NA
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	nil	0	NO	nil
Storage Facilities				
Area of location or plot or societies covered for collection of Construction and Demolition waste	MC Nuh dumping site near Sabji Mandi.	MC Ferozpur Jhirka dumping site Doodh Ghati Tizara road	Buraka Pahari Near Dumping Yard MC Taoru	MC Punhana dumpint site in Basdalala ward No. 3/4 Punhana
No. of large Projects (including roadways projects) covered	Nil	Nil	Nil	nil
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority or Local Authority or through Private Agency or Non-Governmental Organization)	No	No	NO	No
Storage Bin Specification				
Containers or receptacle (Capacity)	NA	NA	NIL	nil
Others, please specify	0	Nil	NIL	nil
Whether all storage bins/collection spots are attended for daily lifting	There is no storage bins /collectin spots	There is no storage bins /collectin spots	There is no storage bins /collectin spots	nil
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	NA	N/A	NA
Transportation				
Truck	0	0	0	0
Truck - Hydraulic	0	0	0	0
Tractor - Trailer	0	0	0	0
Dumper - Placer	0	0	0	0
Tricycle	0	0	0	0
Refuse-Collector	0	0	0	0
Other (please specify)	2 Tractor -trolly	1 tractor-trolly	1 tractor-trolly	1 tractor-trolly
Whether any proposal has been made to improve Construction and Demolition waste management practices	0	Nil	NO	nil
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	0	Nil		
Dry Process	0	Nil	NIL	Nil
Wet Process	0	Nil	NIL	Nil
Other if any (please specify)	0	Nil	NIL	Nil
What provisions are available to check unauthorized operations of		Nil		
Encroachment on river bank or wet bodies	A team has been constituted for checking/stopping the encroachment on river bank or wet bodies.	No	NO	No
Unauthorized filling of low line areas Mixing with solid waste	0	No	nil	nil
Encroachment in Parks, Footpaths etc.	NO	No	no	no

How many slums are provided with construction and demolition waste receptacles facilities	0	0	0	nil
Are municipal magistrates appointed for taking penal action for non-compliance with these rules.	yes	yes	yes	yes

District Name	ROHTAK				REWARI		
	ROHTAK	MEHAM	KALANAUR	SAMPLA	REWARI	BAWAL	DHARUHERA
Name of the City or Town	Rohtak	Meham	Kalanaur	Sampla	Rewari	Bawal	Dharuhera
Population (In Lakhs)	512469	20484	25045	20563	179750	16776	30344
Name and address of local authority or competent authority	Municipal Corporation, Rohtak 01262-251515, 251516, commissionermcr@gmail.com	MC Meham	Kalanaur, Haryana	Municipal Council Sampla	Municipal Council Rewari	Municipal Committee Bawal	Municipal Committee Dharuhera Distt. Rewari (HR)
Telephone No	01262-251515	01257-233031	01258-223180	9050097957	01274- 225263	01284-260048	01274-242692
Email ID	commissionermcr@gmail.com	Secretary.mc.meham@gmail.com	municipalcommitteekalanaur@gmail.com	sec.sampla@gmail.com	eomc.rwr@gmail.com	secy.mcbawal@gmail.com	secy.mc.dharuhera@gmail.com
Name of the Nodal Incharge	Mr. Manjoet Dahia	Sh. Nijesh Kumar	Sh. Pankaj Garg	Sh. Parveen Patwari	Sh. Manoj Yadav	Sh. Samaya Pal Secretary	Sh. Sanjay Bansal ME
Quantity and composition of construction and demolition waste including any deconstruction waste	5 TPD	0	0.01 TPD	0.1 TPD	50 MT	0.3 TPD	0.5 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	1825 MT	130 Ton	0.01 TPD	36.50 TPA	720 MT	75 TPA	10 TPA
Any figures for lean period and peak period generation per day	5 TPD	-	-	-	Lean period 0.5 TPD Peak period 4 TPD	0.1 to 0.5	-
Average generation of construction and demolition waste (TPD)	5 TPD	0.5 TPD	0.1 TPD	0.1	2 TPD	0.3	0.4
Total quantity of construction and demolition waste collected per day	5 TPD	0.5 TPD	0.1 TPD	0.1	0.2 MT	0.3	0.3
Any Processing / Recycling Facility set up in the city	No	No	Nil	No	No	0	0
Total quantity of construction and non-structural concrete aggregate	0	0	0	0	Nil	0	0
Manufactured sand	0	0%	0	0	Nil	0.05	0.27
Ready-mix concrete (RMC)	0	0	0	0	Nil	0.1	0.48
Paving blocks	0	0	0	0	Nil	0.1	0.51
GSB	0	0	0%	0	Nil	0.01	0.01
Others, if any, please specify	0	0	0.1 TPD	0	Nil	-	-
Total quantity of Construction & Demolition waste disposed by land	0	130 ton	C&D waste re-used by	36.5	Nil	0.3	0.3
No of landfill sites used	1	1	C&D waste re-used by the public in own area for land filling	1	Nil	1	1
Area used	8 acre	0.70 Acre	C&D waste re-used by the public in own area for land filling	1	Nil	3500 Sq. mtr	4800 Sq. mtr
Whether weigh-bridge facility used for quantity estimation	No	No	NA	No	No	Yes	yes
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	NO	NA	No	No	Yes	YES
Storage Facilities							
Area or location or plot or societies covered for collection of Construction and Demolition waste	8 acre Near Suneria Jail Rohtak	Near Model School, Meham	C&D dumping site is near of Ma Saraswati college, (826 Sq. Yards)	Beri road behind MC Office	3000 Sq. Yard	C&D waste site near Old Fire office Thana road	11.5
No. of large Projects (including roadways project) covered	no	NA	NA	No	No	No	NO
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	Through ULB	Local Authority	NA	Local Authority	Yes MC Rewari	No	-
Storage Bins Specification							
Containers or receptacle (Capacity)	3 Nos. tractor - torily	NA	2 tons	NA	Nil	4X4X4	4X4X4
Others, please specify	-	NA	NA	NA	Nil	-	-
Whether all storage bins/collection spots are attended for daily lifting	no	Yes	Yes	NA	Nil	No	Yes
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Manual	Manually	Mechanical, By Tractor	NA	Nil	Manually	Mechanical
Transportation							
Truck	0	0	0	0	0	0	0
Truck - Hydraulic	0	0	0	0	0	0	0
Tractor - Trailer	3	1	1	1	1	3	4
Dumper - Placer	0	0	0	0	0	0	0
Tricycle	0	0	0	0	0	5	14
Refuse-Collector	0	0	0	0	0	0	0
Other (please specify)	0	0	0	0	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	yes	Yes at District level on cluster basis	Just collect at separate place and reuse for MC road construction.	Yes	0	Yes	Yes
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	NA	No	No	NA	0		0
Dry Process	NA	NA	N/A	NA	0	0	0
Wet Process	NA	NA	N/A	NA	No	0	0

Other if any (please specify)		NA	N/A	NA	No	0	0
What provisions are available to check unauthorized operations of		Yes		Yes	No	0	0
Encroachment on river bank or wet bodies	Monitoring team in all 22 wards	yes	Monitoring team in all 15 wards.	No	Regular inspection is done by MC field staff at regular intervals	0	0
Unauthorized filling of low line areas Mixing with solid waste	Monitoring team in all 22 wards	yes	Monitoring team in all 15 wards.	No	Regular inspection is done by MC field staff at regular intervals	0	0
Encroachment in Parks, Footpaths etc.	Monitoring team in all 22 wards	yes	Monitoring team in all 15 wards.	No	Regular inspection is done by MC field staff at regular intervals	0	0
How many slums are provided with	26	NA	0	No	No	0	0
Are municipal magistrates appointed	Yes	No	No	No	No	Yes	Yes

District Name	SONEPAT				
	SONEPAT	GOHANA	GANNAUR	KHARKHODA	KUNDLI
Name of the City or Town	Sonipat	Gohana	Ganaur	Kharkhoda	Kundli
Population (In Lakhs)	427270	65708	35603	32080	36678
Name and address of local authority or competent authority	Municipal Corporation Sonipat	MC Gohana Old tehsil road Gohana	Municipal Committee Ganaur	Municipal Committee Kharkhoda	MC Kundli, OPP Plot No. 10 HSIIDC Phase-I
Telephone No	0130-2243032	01263-252013	0130- 2460098	0130-2584141	7988887979
Email ID	cmcsnpt@gmail.com	secymc.gohana@hry.nic.in	secymcgannaur@gmail.com	secymckkd2018@gmail.com	secymckundli@gmail.com
Name of the Nodal Incharge	Anand Kishor (Building Inspector)	Ajay Kumar JE	Deepak Hooda JE	Sh. Mukesh Kumar BI	Sh. Pawan Kumar, Municipal Engineer.
Quantity and composition of construction and demolition waste including any deconstruction waste	17 TPD	Nil	0.010 tpd	0.41 TPD	0.010 MT/Day
Total quantity of construction and demolition waste generated during the whole year in metric ton	204 tone aprox	3	3.6 Tons	150 TPA	3.65 MT
Any figures for lean period and peak period generation per day	17-20 tone	-	-	-	-
Average generation of construction and demolition waste (TPD)	17 tpd	0.01 TPD	NA	0.5 TPD	0.010/day
Total quantity of construction and demolition waste collected per day	17 TPD	Nil	0.01 TPD	0.5 TPD	100 Kg/Day
Any Processing / Recycling Facility set up in the city	No	NO	NA	C&D waste used in Low lying area	NA
Total quantity of construction and Non-structural concrete aggregate	0		NA	-	NA
Manufactured sand	0	NIL	NA	-	NA
Ready-mix concrete (RMC)	0	NIL	NA	-	NA
Paving blocks	0	NIL	NA	-	12 CUM
GSB	0	NIL	NA	-	NA
Others, if any, please specify	0	NIL	NA	C&D waste used in Low lying area	NA
Total quantity of Construction & Demolition waste disposed by land	450-550	0.01	NA	105 Ton	NA
No of landfill sites used	2	Low laying area	1	3	NA
Area used	1.5 acre	Low laying area	1 Acre	1.5 acre	NA
Whether weigh-bridge facility used for quantity estimation	No	No	No	No	NA
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	No	NO	No	No	NA
Storage Facilities					NA
Area or location or plot or societies covered for collection of Construction and Demolition waste	All wards	No	Badshahi road Gannaur	-	NA
No. of large Projects (including roadways project) covered	Nil	No	NA	-	NA
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	MCS	Nil	NA	MC Kharkhoda land identified to C&D waste	NA
Storage Bins Specification	-	Shape & size	NA	-	NA
Containers or receptacle (Capacity)	-	NA	NA	-	NA
Others, please specify		NA	NA	-	NA
Whether all storage bins/collection spots are attended for daily lifting	Yes	NA	NA	-	NA
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	Mechanical	Manual	NA	-	NA
Transportation					NA
Truck	0	-	NA	-	NA
Truck - Hydraulic	0	-	NA	0	NA
Tractor - Traller	1	1	1	1	3
Dumper - Placer	0	-	NA	0	NA

Tricycle	0	-	NA	0	NA
Refuse-Collector	0	-	NA	0	NA
Other (please specify)	1	-	NA	0	1 JCB
Whether any proposal has been made to improve Construction and Demolition waste management practices	-	2 Kanal land existing site at Thaska village	NA	-	NA
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	-	No	NA	-	NA
Dry Process	-	NO	NA	-	NA
Wet Process	-	NO	NA	-	NA
Other if any (please specify)	-	NO	NA	-	NA
What provisions are available to check unauthorized operations of	-		NA	-	NA
Encroachment on river bank or wet bodies	0	NO	NA	-	NA
Unauthorized filling of low line areas Mixing with solid waste	Regular Monitoring by Safai Darogas	NO	NA	-	NA
Encroachment in Parks, Footpaths etc.	Regular Monitoring by Safai Darogas	Nil	NA	-	NA
How many slums are provided with	0	Nil	NA	-	NA
Are municipal magistrates appointed for	Yes	Yes	NA	-	NA

District Name	SIRSA				
	SIRSA	MANDI DABWALI	RANIA	KALANWALI	ELLENABAD
Name of the City or Town	Sirsa	Mandi Dabwali (Distt Sirsa)	RANIA	Kalanwali	Ellenabad
Population (In Lakhs)	182534	57625	25123	22095	36623
Name and address of local authority or competent authority	Municipal Council, Sirsa	Sh. Rakesh Kumar XEN	MUNICIPAL COMMITTEE RANIA, NEAR MEHTA PETROL PUMP, RANIA, SIRSA	MUNICIPAL COMMITTEE Kalanwali	MUNICIPAL COMMITTEE ELLENABAD
Telephone No	01666-220525	7015438905	01698-250026	98960-48048	01698-220352
Email ID	secymc.sirsa@gmail.com	secymcdabwali@gmail.com	secymcrania@gmail.com	secymc.kalanwali@gmail.com	secymc.ellenabad@gmail.com
Name of the Nodal Incharge	Sh. Raj Kumar Chief Sanitary Inspector	Rakesh Kumar	Sh Jasbir Singh SI	Sh. Avinash Singla, Sanitary Inspector	Sh. Sumit Kumar Sanitary Inspector
Quantity and composition of construction and demolition waste including any deconstruction waste	0	0	0	0	Zero
Total quantity of construction and demolition waste generated during the whole year in metric ton	0	360 Tons		NA	NA
Any figures for lean period and peak period generation per day	0	-	0	-	-
Average generation of construction and demolition waste (TPD)	0	1 TPD	0	NA	NA
Total quantity of construction and demolition waste collected per day	0	1 TPD	0	NA	NA
Any Processing / Recycling Facility set up in the city	0	Yes	0	NA	NA
Total quantity of construction and Non-structural concrete aggregate	0	1 Ton	0	NA	NA
Manufactured sand	0	0	0	NA	NA
Ready-mix concrete (RMC)	0	0	0	NA	NA
Paving blocks	0	0	0	NA	NA
GSB	0	0	0	NA	NA
Others, if any, please specify	0	0	0	NA	NA
Total quantity of Construction & Demolition waste disposed by land	0	0	0	NA	NA
No of landfill sites used	0	0	0	NA	NA
Area used	0	0	0	NA	NA
Whether weigh-bridge facility used for quantity estimation	0	Yes	0	NA	NA
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	0	0	0	NA	No
Storage Facilities		0			
Area or location or plot or societies covered for collection of Construction and Demolition waste	Near By Chaudhary Devi Lal Park Ward No. 9	Ward No. 1 Uttam Nagar	Nagrana Road Ward No.12, Rania	Dadu Road at kalanwali	Near Mamern bye pass, Ellenabad
No. of large Projects (including roadways project) covered	0	0	0	NA	NA
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	0	Private Agency	0	NA	NA
Storage Bins Specification	0	0	0	NA	NA
Containers or receptacle (Capacity)	0	0	0	NA	NA
Others, please specify	0	0	0	NA	NA
Whether all storage bins/collection spots are attended for daily lifting	0	0	0	NA	NA
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	0	0	0	Mehanical	NA
Transportation	0	0	0		
Truck	0	0	0	NA	NA
Truck - Hydraulic	0	0	0	NA	NA
Tractor - Trailer	0	1	0	NA	NA
Dumper - Placer	0	0	0	NA	NA
Tricycle	0	0	0	NA	NA
Refuse-Collector	0	0	0	NA	NA
Other (please specify)	0	0	0	NA	NA
Whether any proposal has been made to improve Construction and Demolition waste management practices	0		Yes	Yes	Yes
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	0	Yes	0	NA	NA
Dry Process	0	yes	0	NA	NA
Wet Process	0	0	0	NA	NA

Other if any (please specify)	0	0	0	NA	NA
What provisions are available to check unauthorized operations of	0	0	0	NA	NA
Encroachment on river bank or wet bodies	0	0	0	NA	NA
Unauthorized filling of low line areas Mixing with solid waste	0	0	0	NA	NA
Encroachment in Parks, Footpaths etc.	0	NA	0	NA	NA
How many slums are provided with	0	3	0	NA	NA
Are municipal magistrates appointed for	0	0	0	NA	

District Name	YAMUNA NAGAR	RADAUR	SADHURA
Name of the City or Town	Yamunanagar	Radaur	Sadhaura
Population (In Lakhs)	4816698	16982	14467
Name and address of local authority or competent authority	Municipal Corporation Yamunanagar	MC Radaur	MC Sadhura
Telephone No	01732-228167		01735-270375
Email ID	Mc.yamunanagar@gmail.com	secymcradaur@gmail.com	secy.mcsadhaura@gmail.com
Name of the Nodal Incharge	Sh. Anil Kumar	Harjit Singh, Sanitary Inspector, MC Radaur	Harjit Singh, Sanitary Inspector, MC Sadhaura
Quantity and composition of construction and demolition waste including any deconstruction waste	8.5	0.5 TPD	0.5 TPD
Total quantity of construction and demolition waste generated during the whole year in metric ton	3102.5	180 TPA	180 TPA
Any figures for lean period and peak period generation per day	-	-	-
Average generation of construction and demolition waste (TPD)	8.5	0.5 TPD	0.5 TPD
Total quantity of construction and demolition waste collected per day	8.5	0	0
Any Processing / Recycling Facility set up in the city	0	0	0
Total quantity of construction and Non-structural concrete aggregate	0	0	0
Manufactured sand	0	0	0
Ready-mix concrete (RMC)	0	0	0
Paving blocks	0	0	0
GSB	0	0	0
Others, if any, please specify	Used in filling and make aggregates and filler in low lying area	0	Used in filling and make aggregates and filler in low lying area at own level
Total quantity of Construction & Demolition waste disposed by land	1460	0	180 MT
No of landfill sites used	1	0	0
Area used	40 Sq. Mtr	0	0
Whether weigh-bridge facility used for quantity estimation	No	0	0
Whether construction and demolition waste used in sanitary landfill (for solid waste) as per Schedule III	0	0	No
Storage Facilities		0	
Area or location or plot or societies covered for collection of Construction and Demolition waste	Darwa Ward No. 11	0	0
No. of large Projects (including roadways project) covered	0	0	0
Whether Area or location or plot or societies collection is Practiced (if yes, whether done by Competent Authority)	Private agency	0	0
Storage Bins Specification	0	0	
Containers or receptacle (Capacity)	0	0	0
Others, please specify	0	0	
Whether all storage bins/collection spots are attended for daily lifting	0	0	0
Whether lifting of Construction & Demolition Waste from Storage bins is manual or mechanical	0	0	0
Transportation	0	0	0
Truck	0	0	0
Truck - Hydraulic	0	0	0
Tractor - Trailer	1	1	1
Dumper - Placer	0	0	0
Tricycle	0	0	0
Refuse-Collector	0	0	0
Other (please specify)	0	0	0
Whether any proposal has been made to improve Construction and Demolition waste management practices	No	0	0
Have any efforts been made to involve PPP for processing of Construction & Demolition waste:	No	0	0
Dry Process	No	0	0
Wet Process	No	0	0
Other if any (please specify)	No	0	0



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PART-I

Notifications, Orders and Declarations by Haryana Government

HARYANA GOVERNMENT

URBAN LOCAL BODIES DEPARTMENT

Notification

The 23rd November, 2020

No. 1/1/2020-RII.—

Government of Haryana



**Policy Document for C&D Waste Management in compliance with the order of Hon'ble
NGT in O.A. No. 606 of C&D Waste Management Rules-2016.**

HARYANA MUNICIPAL CONSTRUCTION & DEMOLITION WASTE MANAGEMENT POLICY, 2019**Introduction**

Construction and Demolition Waste ("C&D Waste") generation in India every year is 23.75 million tons according to Central Pollution Control Board's ("CPCB") Guidelines on Environmental Management of C&D Wastes. (CPCB, 2017)

A rapidly developing state like Haryana with steady increase in urbanisation and development of business hubs, should anticipate a proportionate rise in C&D wastes. The unsafe and unscientific disposal of the C&D wastes may result in the C&D waste getting mixed with the organic waste and other types of municipal solid waste at dumping grounds. There arises a need for waste generated on a regular basis to be disposed in a safe and scientific manner. Therefore, the management of C&D waste is an important environmental issue due to its long-term effects.

The estimates of building material requirements of the housing sector in the country indicates a shortage of aggregates to the extent of approximately 55,000 million cu.m. An additional 750 million cu.m. aggregates shall be required to achieve the targets of the road sector. These estimates reflect the potential for the reuse and recycling of C&D wastes. The reuse of C&D wastes shall ensure minimal extraction of virgin materials and reduction in wastes forwarded to land fills.

The Government of India enacted the Construction and Demolition Waste Management Rules 2016, under the Environmental Protection Act, 1986 after consideration of the aforementioned issues.

Rule 9(1) of the C&D Rules mandates the Secretary of Urban Development Department (UDD) of the State Government to prepare the state's policy with respect to management of C&D waste in accordance with the provisions of the C&D Rules. In furtherance of this obligation, this Haryana State Construction and Demolition Waste Management Policy, 2019 applicable in and for the State of Haryana and is prepared and promulgated for sustainable management of C&D wastes in the state. The Policy shall be the benchmark for all relevant authorities including Pollution Control Board, Urban Local Bodies, functionaries of ULBs and other stakeholders in the preparation of the plans and procedures for management of C&D Waste.

1. Preamble

- (1) This Policy may be called the Haryana State Construction and Demolition Waste Management Policy, 2019 prepared and promulgated for sustainable management of C&D waste in the State of Haryana.
- (2) It extends to the whole of Haryana.

2. Definitions

- (1) As used in this Policy, unless the context otherwise requires, the following words and terms defined have the meanings ascribed to them in this document
 - (a) "Act" shall mean the Environment (Protection) Act, 1986 (29 of 1986);
 - (b) "Bulk Waste Generator" shall mean any waste generator that generate C&D Waste equivalent to or exceeding 20 tons in one day or 300 tons per project in one month;
 - (c) "C&D Rules" shall mean the Construction and Demolition Waste Management Rules, 2016;
 - (d) "Construction" shall mean the process of erecting of building or facility or other structure, or building of infrastructure including alteration of such entities;
 - (e) "Construction and Demolition Waste" or "C&D Waste" shall mean the waste comprising of building materials, debris and rubble resulting from construction, re-modelling, repair and demolition of any civil structure;
 - (f) "Demolition" shall mean the breaking down or tearing down buildings and other structures, either manually or using mechanical force (utilising mechanical equipment) or by implosion using explosives;
 - (g) "HSPCB" shall mean the Haryana State Pollution Control Board;
 - (h) "Hazardous C&D Wastes" shall mean construction and demolition waste contaminated with industrial hazardous or toxic material or nuclear waste if any;
 - (i) "Grievance Redressal Mechanism" shall mean a system established by the ULBS to receive and address the issues raised by the common people regarding C&D waste management;
 - (j) "Processing Facilities" shall mean facilities established to handle the C&D waste in a safe manner;
 - (k) "Recycling Facilities" shall mean facilities established to recycle the C&D waste into useable materials as approved under respective national standards;

- (l) "Service Provider" shall mean entities that provide services like water, sewerage, electricity, telephone, roads, drainage *inter alia* that generate construction and demolition waste during the course of provision of service, that includes excavation, demolition and civil work;
 - (m) "Storage Facilities" shall mean facilities designated for storage of C&D waste separately;
 - (n) "Urban Local Body" or "ULB" shall mean an urban local body or authority viz. municipal corporation, municipality, nagarpalika, nagarnigam, municipal council including notified area committee *inter alia* but not limited to any other local authority or body constituted under any relevant statute, that shall be responsible for supervision and control of the management of construction and demolition wastes in its jurisdiction;
 - (o) "Waste Generator" shall mean any person or association of persons or institution or residential & commercial establishments including Indian Railways, Airport, Port and Harbour and Defence establishments, *inter alia*, who undertakes construction or demolition of any civil structure that generates C&D Wastes.
- (2) Words and expressions used herein but not defined shall have the meaning ascribed to such words or expressions in the Act or the C&D Rules.

3. Objectives

Goal of this policy is to: (i) reduce environmental pollution and space reclamation (ii) conserve available construction materials (iii) reuse & recycle the material, which may be a better economically viable option. The main objectives of this Policy shall be as listed below:

- i. To augment the capabilities of ULBs in effective implementation of the Rules;
- ii. To prescribe measures to prevent open dumping of C&D Wastes;
- iii. To provide manner and means of collection, storage and processing of C&D Wastes;
- iv. To promote participation and involvement of stakeholders in reuse and recycle practices of C&D Waste;
- v. To promote sustainable reuse and recycle of C&D Wastes;

4. Scope

- (1) This policy shall be applicable for and shall extend to all matters related to the management and disposal of all C&D Wastes by all Urban Local Bodies in the State of Haryana.
- (2) This policy document shall form the guiding document for management of C&D Waste by all C&D Waste Generators including Bulk Waste Generators, the private players involved at any stage in the C&D Waste management, the Haryana State Pollution Control Board and all other departments of the state that will be associated with handling or management of C&D Waste in the State.

5. Guiding Principles for Management Of C&D Waste

The State of Haryana shall focus on the 3R principle (i.e. reduce, reuse and recycle) for the management of C&D Waste generated within the State:

- (3) Potential wastage shall be identified in the design stage itself and measure may be taken to ensure minimal waste creation. Source reduction measures such as preservation of old buildings, optimisation of space in new buildings, designing buildings and infrastructure that reduce use of construction material on site, ensure minimal resource utilisation and waste creation.
- (4) Reusable materials may be screened out from debris and put to intended use without further processing. Therefore, it is recommended that prior to any demolition activity, the waste generator deconstructs the building whereby the building is dismantled, and any salvageable re-usable materials are collected and used on-site or on another site.
- (5) Recycling of C&D Waste is essential. Therefore, the leftover waste may be recycled to the extent possible. This shall prove vital in ensuring that minimum amount of waste is sent to landfills.

6. Obligations

The obligations provided hereunder in this Section may be mandatory for all applicable parties to this Policy.

(1) Urban Local Bodies

- (a) ULBs shall ensure collection, transportation, processing and disposal of C&D Waste. The ULBs may perform these functions by itself or through private participation/ contractor.
- (b) ULBs shall monitor Construction or Demolition activities for generation of C&D Waste within its jurisdiction. ULBs shall establish a database of all such Construction or Demolition events

- with details including the quantity of waste generated by Waste Generators and Bulk Generators separately. The database shall be updated no less than one time every year.
- (c) Every ULB authority shall seek detailed waste management plan as applicable, from Bulk Waste Generators. The ULBs shall examine, evaluate and approve or reject the waste management plan submitted by the Bulk Waste Generator within one month from the date of submission of the waste management plan or undertaking.
 - (d) ULB shall conduct IEC campaigns to aware the stakeholders on the guiding principle of the policy i.e. Reduce, Reuse and Recycle of Construction & Demolition waste.
 - (e) ULBs shall establish and operate a toll-free number for receiving information on collection, transportation, processing and disposal of C&D Waste from Waste Generators.
 - (f) ULBs shall monitor and inspect for events of unauthorized Demolition or Construction with potential of C&D Waste generation, unauthorized dumping of C&D Wastes, inspection of dumping sites and C&D Waste processing plants, inter alia, to prevent and reduce frequency of the aforementioned events.
 - (g) ULBs shall identify suitable land for designated C&D Waste storage (separate from the solid waste management land) in ULBs with population under 5 lakhs and C&D Waste processing units for ULBs with population above 5 lakhs.
 - (h) Additionally, in ULBs with population approximately 5 lakhs and paucity of available land creates hindrances, ULB may operate mobile or semi-mobile C&D Waste processing plants
 - (i) ULBs shall provide designated sites that shall function as intermediate collection points for C&D Wastes. These designation of sites for intermediate collection points shall be based on the quantity of waste and distance from major waste generation sites and selected processing/storage sites in the respective cities.
 - (j) ULBs shall conduct selection procedure of Storage and Processing/Recycling Facilities for C&D Waste in accordance with the procedure provided in Schedule I of this Policy.
 - (k) ULBs shall levy a user charge for the collection and transportation of C&D Waste from all Waste Generators for collection on call from the construction/demolition site, which shall reflect the total collection and transportation cost incurred by the ULB/ ULB assigned agency.
 - (l) If the C&D Waste is transported to the designated site for C&D Waste by the Waste Generator at their own cost, the ULBs shall levy a transportation charge. This transportation charge shall reflect the transportation cost of the C&D Waste from the designated site to the processing and disposal site for C&D Wastes. However, for Bulk waste the charge may also include the processing and disposal cost apart from the transportation cost.
 - (m) ULBs may not levy any charge or fee from Waste Generators (except Bulk waste generators) if the C&D Waste is transported by the Waste Generators to the processing and disposal set by the appropriate ULB. In the case of Bulk waste generators, ULB may levy the processing and disposal fee alone in such cases.
 - (n) ULBs shall implement appropriate measures for management of C&D Waste including processing facility, end use of recycled products, inter alia, in consultation with institutions with expertise in this subject matter.
 - (o) In case the Waste Generator fails to abide by the policy guidelines, the ULBs may levy a penalty. A list of illustrative user fees which the ULB could consider levying is set out in Annexure I. All amounts collected as penalties by and on behalf of the ULB under the bye-laws should be transferred to a separate bank account maintained for funds for solid waste management. These amounts shall be used towards the ULB's operation and maintenance costs for providing C&D Waste management services
 - (p) ULBs shall endeavor to maintain co-ordination between itself and other government authorities and functionaries for the effective implementation of this Policy.
 - (q) ULBs shall create a sustainable system of information, education and communication for processing of C&D Waste in collaboration with institutions with expertise in this subject matter and civil society participation. The ULB shall endeavor to disseminate this information utilizing all modes of communication, including but not limited to its own website.
 - (r) ULB shall ensure that at least 80% of the recycled C&D waste products shall be put into effective use though municipal and government construction or related activities.

- (s) ULBs may incentivize the use of C&D Waste products in construction activities, *inter alia*, non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads.
- (t) ULBs shall set up a Grievance Redressal Mechanism through various platforms such as online portals, phone calls, toll free numbers, SMS and mobile applications based on available technologies and capabilities of the ULBs. The maximum time limit for redressal of grievances raised through the Grievance Redressal Mechanism may be fixed by the ULBs with a view to enhance the performance and reduce waste accumulation.

(2) Waste Generator

- (a) Waste Generators shall be required to ensure that C&D Wastes are not mixed with municipal solid waste. The Waste Generators shall not deposit C&D Wastes on land designated for municipal solid waste.
- (b) Waste Generators shall be required to not deposit or dump C&D waste in a manner, that may cause to obstruct traffic or public movement or sewage or stormwater drains.
- (c) Waste Generators shall be required to deposit the C&D Wastes with the authorised waste collection agency/ ULB or deposit the C&D Wastes at designated collection centres provided by the ULB or handover the C&D Wastes to the authorised processing facilities of C&D Wastes.
- (d) Waste Generators shall clearly identify and segregate any Hazardous C&D Wastes generated from its activities that generate C&D Wastes. These Hazardous C&D Wastes are required to be clearly identified and segregated for collection, storage and disposal as per Hazardous Waste (Management and Handling) Rules, 1989.
- (e) Waste Generators shall be required to pay the relevant user charges as notified for the collection, transportation, processing and disposal of C&D Wastes to the ULB or authority appointed by the ULB.

Waste Generators that generate C&D Wastes of 20 tons or more in one day or 300 tons per project in a month shall be categorised as Bulk Waste Generators. The Bulk Waste Generators may be required to comply with the following specific obligations in addition to the aforementioned general obligations of Waste Generators:

- (a) Prepare a waste management plan detailing manner of reuse, recycle, and/or disposal the C&D Wastes and get applicable approvals from the relevant ULB/local authority prior to the commencement of any construction, demolition or remodelling work. The waste management plan shall include, *inter alia*:
 - i. Proposed transit sites and processing facilities for the project's C&D Wastes and the distance of such transit sites from the project site.
 - ii. Proposed measures for minimal waste production on site
 - iii. Waste segregation methods and technologies proposed be undertaken.
 - iv. Proposed locations of processing facilities for C&D Waste
 - v. Plans for reuse of different recycled materials
- (f) Inform relevant authorities regarding all relevant activities beginning with the planning stage to the implementation stage on project to project basis.
- (g) C&D Wastes generated shall be segregated into four streams viz., (i) concrete, (ii) soil, (iii) steel, wood and plastics, and (iv) bricks and mortar.
- (h) Transport of all C&D Wastes generated to the processing units and/or transit stations and bear the cost and responsibility of such transportation.

(3) Service Provider

- (a) Service Providers are required to prepare a comprehensive waste management plan covering segregation, storage, collection, reuse, recycling, transportation and disposal of C&D Wastes generated within the particular jurisdiction.
- (b) Service Providers shall formulate a timeframe for the removal of the construction and demolition waste after consideration of the duration of the work, the quantity and type of waste generated, appropriate storage and collection, *inter alia*. The advisable timeframe for removal of waste is once every day.

- (c) Service Provider may utilise the facilities provided by the authorised agencies/ULBs for the collection and transportation of C&D Wastes on payment of the relevant user charges as notified for the use of such facilities.

(4) Haryana State Pollution Control Board (HSPCB)

- (a) HSPCB shall be required to monitor the implementation of this Policy by relevant ULBs and competent authorities.
- (b) HSPCB shall collect annual data on collection, transportation and processing of C&D Wastes and implementation of this Policy. The compiled data shall be submitted to the Central Pollution Control Board and the State Government or any other state level nodal agency appointed by the State Government for generation of comprehensive State level data.
- (c) HSPCB shall grant authorizations to C&D Waste processing facilities after examination of the proposals submitted to it.
- (d) HSPCB shall prepare annual reports with special emphasis on the implementation status of compliance of this Policy and submit such report to the Central Pollution Control Board on or before 31st July of each financial year.

(5) State Government

- (a) The Town and Country planning Department shall be required to incorporate the site for such facilities in the approved land use plan for the area to reduce possibilities of disturbance to the processing facility on a long-term basis.
- (b) State Government shall be required to ensure in government contracts or tenders, the appropriate C&D Waste processing and disposal option and methods to be adopted for the specific project is incorporated in the contracts or tenders.

7. Financial Sustainability

- (1) ULB shall follow the principles of financial budgeting and costing provided in the Policy for Management of Solid Wastes for the state of Haryana. As provided in the C&D Rules, the primary source of revenue for ULBs for C&D Waste management shall be from:
 - (a) User fees collected during sanctioning of building plan or separately (to be collected based on the quantity of waste);
 - (b) Revenue from sale of by-products of C&D Waste processing and recycling; and
 - (c) Fines and penalties (if any).

8. Terms and Conditions

- (a) This Policy may be amended, withdrawn or substituted by the Government at any time, at its discretion.
- (b) Department of Urban Local Bodies shall have the power to clarify any doubts or settle any disputes, should any arise, regarding the interpretation, application or operation of the provisions of this Policy. Any clarification issued by the Principal Secretary, DULB in this regard shall be final and binding.
- (c) No party shall have the right to claim any benefits or incentives under this Policy merely by virtue of such benefits or incentives being provided for in this Policy.
- (d) Implementation of the provisions under this Policy shall be subject to the issuance of detailed scheme/guidelines setting out further eligibility criteria, the terms and conditions subject to which each benefit or incentive may be claimed, the detailed application procedure etc.
- (e) In case of any conflict or contradiction in the provisions contained in this Policy and the scheme/guidelines issued thereunder, setting out in detail the eligibility criteria, terms and conditions, amongst other relevant modalities for availing benefits or incentives under this Policy, the provisions of the scheme/guidelines shall prevail for all intents and purposes.

Schedule I: Criteria for Site Selection for Storage and Processing or Recycling Facilities for construction and demolition Waste

- i. The facilities shall comply with the Solid Waste Management Rules, 2016 and C&D Waste Rules 2016 with special regard to pollution relating to noise and dust as set out under 'Guidelines on Environmental Management of Construction & Demolition (C&D) Wastes' issued by the CPCB in March 2017 and 'Guidelines on Dust Mitigation Measures In Handling Construction Material and C&D Wastes' issue by CPCB in November 2017
- ii. The processing or recycling facilities shall be sufficiently large to continue for 25 years (project based on-site recycling facilities).
- iii. The processing or recycling sites shall be situated away from habitation clusters, forest areas, water bodies, monuments, national parks, wetlands and places of important cultural, historical or religious interest.
- iv. A buffer zone of no development shall be maintained around C&D Waste processing and disposal facilities of installed capacity exceeding five tons per day. This shall be maintained within the total area of the C&D Waste processing and disposal facilities
- v. Processing or recycling sites shall be fenced or hedged and provided with proper entrance gate to monitor incoming and outgoing vehicles or other modes of transportation.
- vi. The approach and/or internal roads of the facilities shall be concreted or paved to avoid generation of dust particles from vehicular movement and shall be designed to ensure free movement of vehicles and other machinery.
- vii. Weigh bridge to measure quantity of waste, fire protection equipment and other facilities as may be required shall be provided in the facilities.
- viii. For prevention of pollution from processing or recycling operations, the following provisions shall be made, viz.:
 - storm water drains to prevent stagnation of surface water;
 - paved or concreted surface in selected areas in the processing or recycling facility for minimizing dust and damage to the site.
 - prevention of noise pollution from processing and recycling plant:
 - provision for treatment of effluents, if any, to adhere to discharge norms under the Environment (Protection) Rules, 1986.
- ix. Work zone air quality at the processing or recycling sites and ambient air quality at the vicinity of the sites shall be monitored.
- x. A vegetative boundary shall be established around processing or recycling sites to strengthen the buffer zone.
- xi. The operators of the facilities shall apply for authorization from Haryana State Pollution Control Board and submit annual reports to the Haryana State Pollution Control Board.

Schedule II: Market Development and Promotion of C&D Recycled Products

Establishment of appropriate market for recycled products of C&D Wastes may prove essential to ensure economic viability and sustained functioning of the processing plants. As per CPCB guidelines on Environmental Management of C&D Wastes in India 2017:

- i. The building construction products manufactured from C&D wastes have been reported to satisfactorily meet necessary requirements of compressive strength and water absorption.
- ii. The end products such as kerb stones, paving blocks of different shape, size and colour, hollow and solid blocks, manufactured sand etc. have been tested in the laboratory and found to be satisfactory. They are also being used and found to be suitable for load bearing structures.
- iii. Use of fine aggregates and coarse aggregates manufactured by recycling of C&D waste has also been validated scientifically for part replacement of natural aggregates

The use of recycled materials may be as per the following regulations and guidelines:

- i. C&D Rules 2016: As per the C&D Rules, 2016, the ULBs shall make provision for providing incentives and introduce mechanisms to encourage the use of materials made from C&D Wastes in construction activities. These may be provided as:
 - a. Bond-deposit: This means that a compliance deposit, or bond, is to be paid as performance security when applying for building permits and/or submitting the waste management plan. Typically, this amount is approximately 1.5 - 5% of the project value, plus non-refundable administration fees of approximately 0.5% of the project value. This is refunded as and when minimum recycling requirements or disposal requirements are met.
 - b. Provide discount in the costs associated with building permits or reduction in the rental amounts for lease of skips, loaders and other containers.
 - c. In addition, the ULBs could consider offer a rebate of compliance deposit (such as 1% to 2%) where the waste management plans which provide for waste minimization, reuse and onsite recycling plans
- ii. The procurement of materials made from C&D Wastes shall be made mandatory to 10% of total material used in municipal and government procurement subject to strict quality control.
- iii. MoHUA: The Ministry of Housing and Urban Affairs (MoHUA) vide a letter dated March 23, 2016 circulated a notification by Central Public Works Department (CPWD) on mandatory use of recycled portions of C&D Wastes in construction activities, if the same is available within 100 km of the construction site. In addition, CPWD, and NBCC promote (a) maximum of 20% replacement of aggregates in Reinforced Cement Concrete (RCC) with Recycled Concrete Aggregate (RCA) and (b) 100% replacement of aggregates with RCA in light or non-load bearing lean concrete.

As per CPWD Corrigendum No. S37/CS –Order/2015-16/71(H) dated 22/3/2016

C & D Waste BIS IS: 383	Plain Concrete	Reinforced Concrete	Lean Concrete (< M15 grade)	Extent of Utilization
Recycled Concrete Aggregate (RCA)	25%	20% (only up to M25 grade)	100%	As Coarse Aggregate
Recycled Aggregate (RA)	Nil	Nil	100%	As Coarse Aggregate
Recycled Concrete Aggregate (RCA)	25%	20% (only up to M25 grade)	100%	As Fine Aggregate

- iv. Central Road Research Institute (CRRI): certification of recycled aggregates for use as Granular Sub Base (GSB) in road construction
- v. Building Materials and Technology Promotion Council (BMTPC): BMTPC 2016 Guidelines for Utilization of Construction & Demolition Waste in Construction of Dwelling Units and Related Infrastructure in Housing Schemes of the Government
- vi. Indian Roads Congress (IRC): The Indian Roads Congress (IRC) issued 'IRC-121:2017 Guidelines for Use of C&D waste in Road Sector' outlining the kind of materials from recycled C&D Waste, proportion that may be safely used for specific road construction/repair applications.
- vii. Bureau of Indian Standards (BIS): The Bureau of Indian Standards (BIS) has included the specification for coarse and fine aggregates to include manufactured aggregates produced from other than natural sources

viii. The recycled waste materials may be utilized for the following purposes:

Gardening and Landscaping	Earth Work	Civil Engineering	Structural Engineering
<ul style="list-style-type: none"> • Drainage material • Layer in sports field • Improvements of soil characteristics • Improvement of bearing capacity e.g. below garden walls 	<ul style="list-style-type: none"> • Filling of line ditches and working spaces • Noise protection dams • Anti-freeze sublayers below building • Improvement of bearing capacity of soil/earth • Construction of temporary streets 	<ul style="list-style-type: none"> • Gravel base layer and anti-freeze base layer • Combined gravel and anti-freeze base layer • Road pavement and flagging • Bituminous bounded base layer • Hydraulically bounded base layer • Concrete base layer 	<ul style="list-style-type: none"> As input in concrete • Mix in-situ concrete • Structural elements out of concrete • Concrete goods As input in other materials • Mortar • Stones- burned brick, sand-lime bricks or lightweight concrete

Material	Process	End-Use
Concrete	Crushed and mixed Crushed and screened	New cement blocks Asphalt concrete
Dirt	Sorted	Landscaping/Landfill cover
Reinforced concrete	Crush sorted, and steel bar removed. Steel recycled.	Crushed, sorted aggregate. For recycling
Clay bricks and roof tiles	Cleaned, Crushed & sorted. Pulverised	Reused for masonry Aggregate Mixed with lime to produce mortar
Calcium silicate bricks	Cleaned Crushed Pulverised	Reused for masonry Aggregate Recycled into new Calcium Silicate bricks
Natural stone masonry	Cleaned Crushed	Reused for masonry Aggregate
Natural stone slabs	Cleaned, Crushed	Flooring, cladding, aggregate
Ceramic Tiles	Cleaned, Crushed	Flooring, cladding, aggregate
Asphalt Paving	Crushed and cold mixed Crushed and hot mixed	Road construction excluding wearing course
Mixed demolition waste	Crushed	Fill material
Steel	Cleaned Recycled	Reused steel components New steel components
Aluminium	Cleaned Recycled	Aluminium recycled streams
Timber beams, doors	Cleaned	Reused as shuttering and other products Feedback for engineered wood
Plastics	Recycled	Plastic recycling stream
Gypsum plasterboard	Cleaned Crushed Recycled	Reuse as boards Soil conditioners New gypsum products
Glass	Cleaned Crushed Recycled	Glass recycling streams

Annexure I : Penalties for Non-Compliance (Illustrative)

Sl No	Offence	Bulk Waste Generator/Service Provider (in INR)	Waste Generator (in INR)	Waste Transporter (in INR)
1	Dumping of construction and demolition waste in storm water drains, open spaces and other	The penalty will be a 15% increase in user charge per day starting from the third day of waste dumped. This can be maximum increased	The penalty will be a 10% increase in user charge per day starting from the third day of waste dumped. This can be maximum increased	Fixed charge (by ULB) per ton of C&D waste dumped

PART I]

HARYANA GOVT. GAZ., DEC. 15, 2020 (AGHN. 24, 1942 SAKA)

2293

	non-designated areas	up to twice the user charge fixed by the ULB	up to twice the user charge fixed by the ULB	
2	Mixing of C&D Waste with any other waste stream	The penalty will be a 15% increase in user charge per day starting from the third day of waste dumped. This can be maximum increased up to twice the user charge fixed by the ULB	The penalty will be a 10% increase in user charge per day starting from the third day of waste dumped. This can be maximum increased up to twice the user charge fixed by the ULB	Fixed charge (by ULB) per ton of C&D waste dumped
3	Failure to start construction, demolition or renovation works without submission and approval of the waste management plan OR Deviation from approved waste management plan	Fixed rate per sqft area of construction	Fixed rate per sqft area of construction	N.A.

(Sd.)...,
 Additional Chief Secretary to Government Haryana,
 Urban Local Bodies Department.