

GREATER CHENNAI CORPORATION

CHENNAI - 600003.

Date:14.02.2025

**DRAFT GUIDELINES FOR CONSTRUCTION AND DEMOLITION WASTE
MANAGEMENT**

In exercise of the powers vested under section 3,6 and 25 of the Environment (Protection) Act, 1986 (Central Act 29 of 1986), this Central Government have made the Solid Waste Management rules, 2016 to regulate the Management of Construction & Demolition Waste. The Construction & Demolition Waste Management rules, 2016 shall apply to every Municipal authority which shall, within their territorial area be responsible for the implementation of the provisions of these rules, and for any infrastructure development for collection, storage, segregation, transportation, processing and disposal of Construction & Demolition Waste.

In exercise of the powers conferred under section 199 of TNULB ACT 2023 and the Construction & Demolition Waste Management rules, 2016 and in order to ensure effective Construction & Demolition Waste Management in the Corporation of Chennai, the council hereby makes the Construction and demolition waste management Guidelines 2025.

WHEREAS, the Construction & Demolition Waste Management Rules 2016, specify that Construction and Demolition Waste or Debris shall be separately collected and disposed off. Consequently, the following guidelines are issued.

01.Definitions:- In these Guidelines unless the context, otherwise requires:

(a) Construction and Demolition Waste

C&D waste means, wastes from building materials, debris and rubble resulting from construction, re-modeling, repair and demolition operation. It excludes steel, aluminum, wood and other components currently being salvaged for reuse or re-cycling.

(b) Construction/Demolition Waste Management Site

C&D waste Site means, a site designated by GCC for each zone, fulfilling the request parameters.

(c) Debris and Rubbish(Inerts): includes dust, road sweepings, drain silt, ashes, broken bricks, mortar, broken glass, Construction and Demolition Waste and similar siliceous non-compostable and non-combustible waste but does not include non-recyclable wastes and rejects and hazardous wastes, such as those indicatively listed in **Annexure-3**.

(d) Demolition: means the indiscriminate destruction, by jackhammers, bulldozers or similar means which results in huge quantities of mixed inerts (such indiscriminate destruction is to be avoided except in cases of unpredictable building collapse, earthquake, fire and similar disasters).

(e) Dismantling: means reverse construction so as to obtain segregated types of C and D waste which will facilitate its reuse or recycling and shall be invariably practiced when bringing down or removing part or all of an existing structure.

(f) Empanelled Vendor: means a party approved by GCC after scrutiny and listed on its website as eligible to transport and/or process and/or recycles Construction and Demolition waste and Debris from an occupier's site to a GCC specified destination as in **Annexure 1** and may include the lorry owners register in GCC for transporting Construction & Demolition waste.

(g) Occupiers: includes builder/developer or any person for the time being owning or occupying any site, constructed portion or paying or liable to pay to the owner, the rent or any portion of the rent of any vacant land or building or part of the same or a party defined as Occupier in any building contractor - Joint Development Agreement.

(h) Waste Generator: is defined by the C&D Rules as any person or association of persons or instructs residential and commercial establishments including Indian railways, airport, port and harbour and defence establishments who undertakes construction or demolition of any civil structure which generate C&D Waste. For this purpose "waste generators" shall be divided into four types who can prescribe the definition for different types of waste generators

i. Micro generators: The small generation who occasionally generate C&D Waste less than 1 MT from minor house repairs, broken ceramic sanitary ware like tiles, bathtubs, commodes, washbasins etc. may dump in the locations specified in **Annexure 4**

ii. Small Generators: Those that generate C&D waste during building renovation, remodeling or repair or maintenance works etc. where the total amount of C&D Waste generated in the entire project is more than 1 MT and less than 20 MT per day. If the C&D Waste generation is less than 1 MT may dump in the location as in **Annexure 4** and more than 1 MT to dispose at the processing centre as in **Annexure 1**.

It is clarified that if the project generates (a) an aggregate of 300 MT of C&D Waste per month and/or (b) pertains to demolition work covering an area equal to or more than 600 square metres, and/or (c) construction or building repair work covering an area equal to or more than of 6000 square metres, the waste generator will not be considered as a "Small Generator" and will have to comply with the requirements of a "Bulk waste generator"

iii. Bulk waste generators: Waste generators who generate (a) 20 MT or more in one day or 300 MT per project in a month as identified separately in the C&D Rules and/or (b) demolition work covering an area equal to or more than 600 square metres, and/or (C) construction or building repair

work covering an area equal to or more than 6000 square metres. They shall dispose the C&D waste at the location as in **Annexure 1**.

iv. Service Providers: They are defined as authorities who provide services like water, sewerage, electricity, telephone, roads, drainage etc. who often generate C&D Waste during their activities, which include excavation, demolition and civil work. For Greater Chennai Corporation, the following and their subsidiary organisations shall be indicatively considered as "Service Providers":

- Public Works Department (PWD) and Central Public Works Department (CPWD)
- Chennai Metro Rail Corporation (CMRL)
- National Highways Authority of India (NHAI)
- Airport Authority of India, Chennai (AAI, Chennai)
- Indian Railways
- Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)
- Chennai Metropolitan Development Authority (CMDA)
- Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO)
- Tamil Nadu Road Development Company (TNRDC)

It is highlighted that GCC can introduce additional categories of waste generators for better management of C&D Waste if they deem fit.

02. No wastes of any kind shall be deposited at any time by occupiers on streets/besides the streets, pavements, drains, public spaces or vacant sites, or any location which will lead to nuisance to the public.
03. No waste of any kind shall be deposited at any time in any low lying areas other than those listed in **Annexure-1** notified by GCC as processing sites as it would affect movement of surface water, ground water recharge. Violations will attract fines as specified from time to time.
04. The respective occupiers/owners/developers of a construction project shall be solely responsible for removal/transport/disposal of their C and D waste and debris in compliance of notice and his/her address and phone numbers shall furnish the name of the person(s) responsible for compliance at the time of applying for Plan Sanction. Guidelines for Estimating Waste Generation during Construction or Dismantling/ Demolition are given in **Annexure-2**.
05. For occupiers generating small quantities of C and D waste and debris during repair or minor renovation the occupiers shall keep all types of C and D wastes, inerts and debris within their own premises until arranged so by the occupier for collection by their own or by GCC authorized Construction and Demolition waste transporters or empanelled vendors or lorry owners authorized by GCC to collect Construction & Demolition waste from door steps. The occupiers can contact

GCC's website for hiring services of the Construction and Demolition waste transporters or empanelled vendors or the GCC authorized Concessionaires and to pay necessary collection and transportation charges to transporters and pay for processing fee as given in **Annexure -8** to Greater Chennai Corporation.

06. They shall not mix such Construction and Demolition wastes, inerts and debris with any other category of waste like wet waste, recyclable waste or any other types of wastes.
07. All hazardous wastes like those indicated in **Annexure —3** shall not be mixed with C and D waste but sent separately to TNPCB authorized recyclers or to hazardous waste disposal sites at their own cost and furnish proof of compliance whenever demanded.
08. Inert (especially Construction and Demolition waste) lying un-transported for 7 days will be removed by the GCC and the cost of such removal will be collected with penalty, as indicated in **Annexure –8** from the owner/ occupier of the site by the respective ward Engineers.
09. Occupiers willing to construct and dismantle any premises shall obtain prior sanction for the C&D waste management plans. All C&D applications must be made in advance specifying the expected nature and quantity of C and D waste or Debris. All such applications would be disposed of within 15 days.
10. C&D waste management, plan Sanction will be granted on submission of the following documents by the occupier/builder/joint developer.
 - 10.1:** Application in **Annexure-4** (in duplicate one for applicant and another for GCC record) for Construction Waste/Demolition Waste Management (Construction and Demolition waste) during construction.
 - 10.2:** Existing building plan /Proposed Building Plan.
11. A site plan indicating and demarketing, the areas proposed for temporary segregated storage/ management/recycling/reuse of various categories of Construction and Demolition waste, using the bench mark areas indicated as in **Annexure-5** for construction waste management.
12. The plan sanctioned would be final only on approval of the waste management plan submitted, the object of which is to minimize wastage and enable reuse/recycling of the discards.
13. The occupier to maintain a Format for construction waste monitoring as indicated in **Annexure-6** and to be made available for inspection on demand during working hours.
14. A Commencement Certificate would be issued only after inspection and approval of the waste monitoring format and all such receipts for satisfactory disposal of

Construction and Demolition waste, only after obtaining a Clearance Certificate from the concerned authority.

15. A Completion Certificate/Occupancy Certificate would be issued only after inspection and approval of up-to-date waste monitoring report and after receipt of all proof for disposal at the designated disposal site.
16. The TANGEDCO/CMWSSB would be requested to provide Electrical connection/Water connection to the premises only upon a production of completion certificate for the new construction from GCC.
17. The matters concerning small scale constructions and orders are provided in **Annexure – 7**.
18. Non compliance of getting Constructions and Demolition Waste Management plan and payment of user charges will attract the penalties as per **Annexure – 9**.

On this, the service providers, builders, owners and the general public have been asked to make their comments and suggestions through the following email within 30 days of the notification.

“swmdebriswaste@gmail.com”

Date:

**Commissioner
Greater Chennai Corporation**

ANNEXURE —1

**LIST OF APPROVED CONSTRUCTION & DEMOLITION WASTE
MANAGEMENT SITES DESIGNATED BY GCC FOR PROCESSING**

Zone	Division	Name of the Facility & Address	Zones covered
4	37	Construction and Demolition waste processing facility, Kodungaiyur Dumping Ground	Zones 1 to 8
14	184	Construction and Demolition waste processing facility, Perungudi Dumping Ground	Zones 9 to 15

ANNEXURE — 2

**GUIDELINES FOR ESTIMATING WASTE GENERATION DURING
CONSTRUCTION**

Sl.No.	Type of construction process	Estimated Waste Generation (approx)
1	Construction	40 — 60 kg/m ²
2	Renovation and repair work	40 — 50 kg/m ²
3	Demolition of pucca building	500 kg/m ²
4	Semi-pucca buildings	300 kg/m ²

ANNEXURE - 3

**COMMON MATERIALS THAT ARE FOUND AT CONSTRUCTION SITE FOR
PREPARING PLAN FOR CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT
(Hazardous)**

Sl.No	Stage	Materials
1	Excavation & foundation works, super structures	Explosives and related products and equipment used in excavations
2		Fuels and heating oil and other volatile/flammable liquids, such as coolants and Grease
3		Pesticides
4		Chemical admixtures, sealants, adhesives, solvents
5		Plastics, acrylics, silica and PC
6		Electronic ballasts, PCBs, transformers, capacitors, switch gears, lead cable, and oil filled/gel-filled cables
7		Tar and tar products (bitumen, felt and water proofing compounds)
		Centering oil and form work oil
9		Asbestos products- insulations, tiles
10		Product packaging (cement bags, cartons, containers & plastic covers)
11	Finishing & interiors	Tarpaulin
12		Compressed gases/cylinders
13		Batteries
14		Wood dust
15		Paints, pigments, dyes and primers
16		Mercury containing lamps and tubes: fluorescent lamps intact and crushed, halogen lamps, arc lamps, UV lamps, high pressure sodium lamps, mercury vapour lamps, neon lamps, and incandescent lamps
17		Mercury containing devices, relays, regulators, thermostats, thermometers, manometers, and debris containing mercury

Annexure - 4

Heading: Application in Annexure-4 (in duplicate one for applicant and another for GCC record) for Construction Waste/Demolition Waste Management (C & D waste) during construction.

1. Application (with instructions below)

- a. Name of applicant
- b. Phone number of applicant
- c. Application Reference number (to be given by GCC):
- d. Reference of Plan sanction / application for this work as applicable :

2. Type of Construction & Demolition activity (Please tick / give details)

a. New Construction (with instructions below)

- i. Less than 5000 sft
- ii. 5000 to 15000 sft
- iii. 15000 to 50000 sft
- iv. 50000 to 100000 sft
- v. 100000 to 200000 sft
- vi. greater than 200000 sft
- vii. Any other construction (pl give details)

b. Demolition of Pucca buildings

- i. Less than 5000 sft
- ii. More than 5000 sft

c. Demolition of semi pucca buildings

d. Renovation & Repair

3. Location of construction / demolition structure

- a. Name of Occupier
- b. Correspondence Address of Occupier
- c. Address of the location of construction / Demolition Structure
- d. GCC Zone
- e. GCC ward name & number

4. Estimated Generation of Waste

S.No	Particular	Data
1	Type of construction / Demolition	
2	Area in m2	
3	Construction and Demolition waste	
4	Estimated Quantity of Construction	
5	Estimated Start of activity	
6	Estimated End date of activity	

5. Identified site for disposal of waste (see notes):

6. Requirement for safe disposal (see Notes): After completion / Quarterly

AFFIDAVIT

That, I hereby confirm that the above application for management of Construction and Demolition waste at our site is true to the best of our understanding. We understand that the confirmation of the GCC to C & D disposal plan is not an approval for construction or demolition and will obtain the necessary plan approval for the construction, demolition or renovation proposed.

That, I hereby confirm we understand that Construction and Demolition waste shall not be indiscriminately stored or disposed. We will follow the Construction and Demolition waste guidelines of the GCC.

That, I hereby confirm we understand that the completion certificate for the construction and demolition will not be given unless we provide the documentation as required under the Construction and Demolition waste guideline for safe disposal of Construction and Demolition waste.

Date

Place

Signature of Applicant

GCC official order on Application

GCC hereby confirm that the application has been received as on _____ date.
The application number recorded in our records _____

Date

Signature with Stamp

GCC confirmation of safe disposal & closure

GCC hereby confirm that the documents were checked/ visited the site & checked that the Construction and Demolition waste has been disposed as per the provisions of the Construction and Demolition waste guidelines

Date

Location

Signature with Stamp.

Instructions for the filling up of Application:

1. Application

- Name of the authorized applicant on behalf of the owner/occupier shall be provided.
- Phone number of the authorized applicant shall be provided.
- Reference number shall be provided by the GCC office where the application has been submitted.
- Online database shall be maintained by the GCC where the status of the application can be seen by any of the above three search options.

2. Type of Construction

The type of the construction and size shall be as per the format. The GCC may seek additional information as confirmation of the same as required.

3. The complete address shall be provided as per format. Wrong or inadequate information shall be treated seriously and may lead to cancellation of plan sanctions.

4. Use the following standard for the estimation of waste generation.

Sl. No.	Type of construction process	estimate waste generation
1	Construction	40 — 60 kg/m ²
2	Renovation and repair work	40 — 50 kg/m ²
3	Demolition of pucca building	500 kg/m ²
4	Semi-pucca buildings	300 kg/m ²

5. Location of disposal:

From the list below please select the preferred authorized location of disposal. Additional sites may be added to this list from time to time by the GCC. Kindly check the GCC website for additional options. A receipt has to be obtained for disposal from the transport service provider or the gate office of the disposal site where the Construction and Demolition waste is disposed by the Micro generators those generate less than 1 MT.

Zone	Division	Location	Co-Ordinates	
1	7	Buckingham canal road, Sathangadu, Thiruvottriyur. (Adjacent to lorry station, Zone-1)	13° 9'15.65"N	80°17'8.28"E
2	20	Unit – 5, Kamaraj Salai,	13° 9'42.90"N	80°16'1.56"E
3	26	CMDA Truck Terminal near Night Shelter (Back side of Madhavaram Bus Terminus)	13° 8'51.15"N	80°13'28.38"E

Zone	Division	Location	Co-Ordinates	
4	37	Kodungaiyur Dumping ground, Tondiarpet High Road	13° 08' 02" N	80° 16' 09" E
5	58	Part of old Cattle depot, Avadhanam Pappier Road, Choolai (Opposite to Corporation School)	13° 05'26.1"N	80°15'53.8"E
6	70			
7	86	Vanagaram Road, Athipet dumping yard	13°05'58.8"N	80°08'58.6"E
8	101	1st Main Road, Shenoy Nagar (Near Gajalakshmi Colony)	13° 4'42.82"N	80°13'23.15"E
9	120	Lloyds Colony (Near Corporation ITI Institute)	13°3'0.69"N	80°16'21.64"E
10	127	Gurusiva Street, S.M Block, Jafferkhanpet, Kodambakkam (Near R-10 MGR Nagar Police Station)	13°03'70.06"N	80°20'16.21"E
11	143	Nolambur Phase II, 2nd main road (Near Madhuravoyal Taluk office)	13°04'40.8"N	80°17'32'76"E
12	158	Nandambakkam TPF near Adyar river bund in Dn - 158	13°02'20646"N	80°10'24.1"E
13	174	Velechery Main Road, Near to Gurunanak college, Velecherry Burial Ground	12°59'23.14"N	80°13'19.24"E
14	186	200 Ft Radial Road, Perungudi Dumping Ground	12°95'00.92"N	80°22'86.30"E
15	197	Gangaiamman Kovil Street extn., Karapakkam (Near to Tamilnadu Teacher Education University)	12°54'58.33"N	80°14'11.03"E

6. Period of safe disposal of waste shall be as in Point I below. The Safe disposal report shall be submitted to the concerned office.

I. Period of Reporting

a. For quantity less than 1 MT : After completion.

ANNEXURE - 5

STORAGE AREA SIZE ESTIMATION TABLE

Project Built Up Area Size of storage area	Size of storage area
<5000 Sq.ft	80 Sq.ft
5001 — 15,000 Sq.ft	125 Sq.ft
15,001 — 50,000 Sq.ft	175 Sq.ft
50,001 — 100,000 Sq.ft	225 Sq.ft
100,001 — 200,000 Sq.ft	275 Sq.ft
> 200001 Sq.ft	500 Sq.ft

ANNEXURE - 6

CONSTRUCTION WASTE MANAGEMENT MONITORING FORMAT

Construction Waste Management — Log Sheet							
Project Name & Address:							
Sl. No	Construction Materials	Total Quantity Proposed for the Project(kg)	Quantity of Waste Expected to be Generated at site (kg)	Quantity of Waste sent for recycling /reuse	Quantity of waste sent for processing Centres (kg)	Location of Waste recycled/ reused	Scrap dealer name/ULBs as applicable

ANNEXURE-7

GUIDELINES FOR SMALL SCALE CONSTRUCTION PROJECTS

- ✓ Awareness programs to be initiated for the public, which will mainly focus on spreading information about the construction waste management practices & guidelines.
- ✓ A user friendly customer service helpline (toll free number) will be created exclusively for this program.
- ✓ Helpline will be operational in one central location in Chennai.
- ✓ Once call lands in the helpline, the intimation will be given to the respective zonal office of GCC.
- ✓ The GCC authorities will in turn send the vehicles to pick up the wastes from multiple locations in one go.
- ✓ After pick up, disposal of the waste in the designated debris disposal area will be carried out.
- ✓ Once disposal is completed, GCC authority will report back to the call centre location who will in turn record the completion of work.

ANNEXURE – 8

ILLUSTRATIVE RATES FOR SERVICE CHARGES

Part I – Service Charges payable by Waste Generators except Bulk waste Generators

S.No	Type of Waste Generators (excluding bulk waste generators)	Service charges in INR
1.	For collection and Transportation of C&D waste	1. Upto 1000 kg – free of cost 2. Rs. 2500.00 per 1 MT (above 1 MT and less than 20 MT)

* These rates are indicative and, in the event, the GCC wants to change the Service fee from the above-mentioned rates due to any reason, it should cover the following costs for the GCC and /or private service provider on an aggregate basis:

1. Loading of C&D waste (manpower and equipment such as JCB) and Transportation costs from waste generation point to C&D waste collection centres / waste processing facilities (i.e fuel, maintenance costs of the vehicles and manpower) @ Rs.2500/- per MT
 2. Costs of processing C&D Waste at the processing facilities @ Rs.800/- per MT
- GCC will prescribe separate service charges fees for different C&D Waste management activities whenever new technologies are implemented.

PART II-Service Charges payable by Bulk Waste Generators

For Bulk Waste Generators who do not transport and process their own C&D Waste, Service Charges shall be computed on the following basis

1. Loading of C&D waste (manpower and equipment such as JCB) and Transportation costs from waste generation point to C&D waste collection centres / waste processing facilities (ie. fuel, maintenance costs of the vehicles and manpower) @Rs.5000/MT
3. Costs of processing C&D Waste at the processing facilities @Rs.800/MT

ANNEXURE – 9

SCHEDULE – IV

PENALTIES (see Solid Waste Management Bye-law 2019 5.1 & 8)

Sl.No	Sub Section / Details of Section Rules	Penalty Amount (Rs.)
1	Unauthorised dumping of Construction and Demolition waste in all public places	Rs.5000.00

ILLUSTRATIVE PENALTIES FOR NON-COMPLIANCE

Sl.No	Offence	Bulk Generator/Service provider/Transporter INR)	Small Waste Generator (in INR)	Collection & Transportation service provider (in INR)
1.	Dumping of Construction and demolition waste in storm water drains, open spaces and other non-designated areas	10,000 per ton of C&D waste dumped	5,000 per ton of C&D waste dumped	6,000 per ton of C&D waste dumped. In addition, the GCC, through appropriate authorities, can impound the vehicle which will be released upon compounding of

				offences and payment of fines
2	Mixing of C&D Waste with any other waste steam and/or Failure to store C&D Waste in a segregated manner	15,000 per ton of C&D Waste mixed	7500 per ton of C&D mixed Waste	8,000 per ton of C&D waste dumped. In addition, the GCC, through appropriate authorities, can impound the vehicle which will be released upon compounding of offences and payment of fines
3	Commencement of construction, demolition or renovation works without submission and approval of the waste management plan	i. 75,000 if the proposed built-up area of the (a) Construction or repair work is 6000 square metres and/or (b) demolition is 600 square metres. Thereafter, INR 5,000 for every 100 square metre of built-up area		
		ii. If the project is anticipated to generate (a) 20 MT or more of C&D Waste in one day or (b) 300 MT of C&D Waste per project in a month and it does not meet the area requirement under point (1) above, the fine shall be Rs. 75,000. In addition, the construction, demolition or renovation works will remain closed until the waste management plan is approved	N.A	N.A
4	Non-Compliance of the conditions of the waste management plan	i. 25,000 per day of default if (a) Construction or repair work is upto 6000 square metres and /or (b) demolition is upto 600 square metres	N.A	N.A