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DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT, (GOVT. OF NCT OF DELHI)
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006
visit us at : <http://dpcc.delhigovt.nic.in>

F.No. DPCC/WMC-II/2018/1323-1324/Annual Reports/C&D Dated: 13/03/2019

To,

Sh. N K Gupta (Scientist 'E')
UPC-I Division
Central Pollution Control Board
Parivesh Bhawan, East Arjun Nagar, Delhi-32

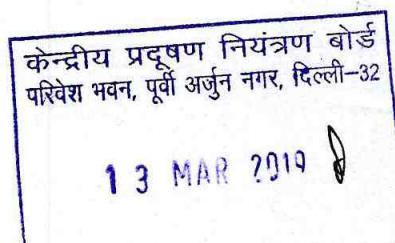
Sub: Furnishing Annual Reports for the year 2016 on Implementation of the Construction and Demolition Waste Management Rules, 2016

Sir,

This has reference to the provision under section (8) (3) of the Construction and Demolition Waste Management Rules, 2016 wherein, Delhi Pollution Control Committee is required to furnish the Annual Reports on implementation of the Construction and Demolition Waste Management Rules, 2016.

Only East Delhi Municipal Corporation and North Delhi Municipal Corporation have submitted their annual reports with respect to Construction and Demolition Waste Management Rules, 2016. However, the remaining three out of five Urban local bodies namely New Delhi Municipal Council, South Delhi Municipal Corporation and Delhi Cantonment Board have not submitted the annual report for the year 2016-17, The consolidated annual report in form-IV regarding implementation of the Construction and Demolition Waste Management Rules, 2016 is enclosed herewith.

This is being issued with the approval of Member Secretary, DPCC.



Yours sincerely,

(N.K. Joshi)
EE, WMC-II

Copy To:

1. Director (HSMD), Ministry of Environment, Pollution & Climate Change, Room No. 09, Agni Wing, Level IV, Indira Payavaran Bhawan, Jor Bagh Road, New Delhi-110003

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C/89

Annual Report under Construction and Demolition Waste Management
Rules, 2016 submitted by Delhi Pollution Control Committee to the
Central Pollution Control Board

To,

The Chairman,
Central Pollution Control Board,
Parivesh Bhawan,
East Arjun Nagar,
Delhi-110032

1.	Name of the State/Union territory :	NCT of Delhi
2.	Name & address of the State Pollution Control Board/Pollution Control Committee :	DELHI POLLUTION CONTROL COMMITTEE, DEPARTMENT OF ENVIRONMENT, GOVT. OF NCT OF DELHI, 5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006
3.	Number of municipal authorities responsible for management of municipal solid wastes in the State/Union territory under these rules :	5 LOCAL BODIES
4.	A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule III] : Please attach as Annexure-I	Annexure-I attached
5.	A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule IV : Please attach as Annexure-II	Schedule IV is not existing in these rules however , annexure- II is attached as implementation of Schedule I & II


Member Secretary

Delhi Pollution Control committee

Annexure – 1**Year 2016****A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule III of Construction and Demolition Waste Management Rules, 2016.**

Presently there are three construction and demolition waste processing facilities operating in Delhi:

IL & FS Environmental Infrastructure & Services Ltd. Jahangirpuri

IL & FS Environmental Infrastructure & Services Ltd. Jahangirpuri is a C & D waste processing facility with a capacity of 1800 – 2000 TPD spread over an area of 7 acres. Two kinds of processes are used to process the C & D waste i.e. wet and dry processes. Electricity and diesel are the types of fuels that is used to process the waste and the source of water supply is coronation pillar of STP and DJB connection. Power connection is provided by the TATA POWER with a sanction power load of 200 KW. One DG SET is also being used with a capacity of 100 KVA. Rubble master (Dry line) ,CDE (Wet line), 4 vibrating table 4 mini mixers are some of the machinery and raw materials such as cement and add mixture are used by the plant to produce the final product such as CC blocks, pebble blocks and curb stone etc.

IL & FS Environmental Infrastructure & Services Ltd. Shastri Park

IL & FS Environmental Infrastructure & Services Ltd. Shastri Park is a C & D waste processing facility with a capacity of TPD 500 TPD spread over an area of 2.5 acres. Two kinds of processes are used to process the C & D waste i.e. wet and dry processes. Electricity and diesel are the types of fuels that is used to process the waste and the source of water supply is STP Yamuna Vihar and two tanker per day and one bore well for domestic use. Power connection is provided by the TATA POWER with a sanction power load of 600 KW. . One DG SET is also being used with a capacity of 35 KVA. Processing unit (crusher), washers, screen thickener, grizzly mixers and roll mix are some of the machinery and raw materials such as cement and add mixture are used by the plant to produce the final product.

IL & FS Environmental Infrastructure & Services Ltd. Ranikhera

C/82

IL & FS Environmental Infrastructure & Services Ltd. Ranikhera is a C & D waste processing facility with a capacity of 150 TPD spread over an area of 2.95 acres. Two kinds of processes are used to process the C & D waste i.e. wet and dry processes. Electricity is used as a fuel to process the waste and the source of water supply is bore well. Power connection is provided by the TATA POWER with a sanction power load of 300 KW. Weight bridge, JAW, HIS, Prograte, Evo wash and aqua cycle are some of the machinery and raw materials such as construction and demolition waste is used by the plant to produce the final product such as fine and coarse aggregates.

In addition, IL & FS Environmental Infrastructure & Services Limited has proposed its units at Chara Mandi Ground, Baba Haridas Nagar, NH-10, Near Tikri Border Metro Station, New Delhi - 110041 with proposed capacity of 500 TPD at Bhagat Singh Park, Siraspur, Libaspur, GT Karnal Road, New Delhi - 110042 with proposed capacity of 500 TPD Site No. 1-4, Industrial Area Near Ranikhera, Rohini, Phase-V, Delhi - 110081 with proposed capacity of 1000 TPD and another firm Garg & Company proposed its unit at C&D Site, Village Bakkarwala, Delhi - 110041 with proposed capacity of 1000 MTD.

C/81

Annexure-II

Year 2016

A Summary Statement on progress made by municipal authorities in NCT of Delhi with respect to the implementation of Schedule I & II of Construction and Demolition Waste Management Rules, 2016.

- Delhi is having 3 Construction and Demolition Waste Processing Facility at Jahangir Puri, Shastri Park and Rani Khera being operated by IL&FS. (Jahangir Puri-2000 TPD, Shastri Park-500 TPD and Rani Khera-150 TPD). Thus at present 2650 TPD of C&D waste processing capacity is available. Additional 3000 TPD C&D waste is planned to process by December 2020.
- 9 percent of total C&D Waste is concrete and remaining 91 % is mixed (i.e. bricks, soil and sand including solid waste). 35 percent of total waste is soil/silt, 14 percent sand, 13 percent 3mm-10mm size aggregates, 13 percent 10mm-20mm size aggregates and 24 percent 20mm-40mm and 40mm-50mm aggregates. This mix aggregate is not being used at present as there is no demand for it. Soil, Silt, Sand, Stone aggregate, pavement tiles, cement-concrete bricks and blocks are being sold out.
- Status of recycled products from C & D waste processing facility at Shastri Park Delhi:

Total quantity of construction and demolition waste generated during the whole year in metric ton: 182500 MT (Appx.)

Average generation of construction and demolition waste (TPD) Total quantity of construction and demolition waste collected per day:

Aggregate	= 45619.37 MT
Sand	= 21389.06 MT
Ready mix concrete	= NIL
Paving Blocks	= NIL
Soil	= 60156.72 MT
Cement concrete Bricks	= 171191.00 Nos.

- Status of recycled products from C & D waste processing facility at Jahangirpuri Delhi:

Total quantity of construction and demolition waste generated during the whole year in metric ton: 678130 MT (Appx.)

Average generation of construction and demolition waste (TPD) Total quantity of construction and demolition waste collected per day: 1857.90 TPD

Aggregate	= 12913 MT
Sand	= 24825 MT
Ready mix concrete	= NIL
Paving Blocks	= 5572 Cubic Metre
GSB	= 99300 MT

- The C & D waste processing facility at Ranikhera (DMRC) Delhi was not in operational condition in the year 2016.