	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
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F.No. DPCC/WMC-II/Status Report/OA 606 of 2018/2019/5774- 5797

Dated: 23.03.2021

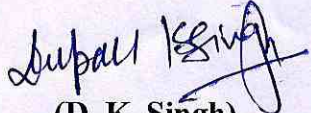
MINUTES OF MEETING

Please find enclosed herewith Minutes of the Meeting of State Level Committee headed by Chief Secretary held on **25.02.2021 at 04.30 P.M** through Video Conferencing to review the action taken w.r.t. the orders of Hon'ble National Green Tribunal in O.A. No. 606/2018 regarding Compliance of Municipal Solid Waste Management Rules, 2016.

All the concerned Departments / Authorities are required to take necessary action for the compliance of the orders in the aforementioned NGT Case including Orders dated 16.01.2019, 11.03.2019, 10.01.2020, 28.02.2020 & 14.12.2020 and decisions taken in the said meeting on 25.02.2021 & submit the compliance report and information in the Formats enclosed with the Minutes to DPCC (Hard Copy as well as soft copy through email at **Email ID : dpcc.wmc2.delhi@gmail.com by 2 PM on 24.03.2021.**

Next meeting of the Chief Secretary, GNCTD on the aforementioned matter is scheduled to be held at 3:00 PM on 25.03.2021 through Video Conferencing. VC Id, Password and link for the meeting on 25.03.2021 will be communicated soon.

Enclosures: As Above


(D. K. Singh)
Incharge, WMC-II
DPCC

To,

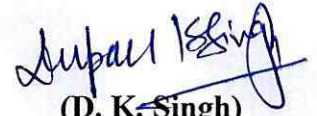
1. The Addl. Chief Secretary, Urban Development Department, Govt of NCT of Delhi, 9th Level, Delhi Secretariat, I.P. Estate, Delhi -110002.
2. The Principal Secretary, Public Works Department, 5th Level, Delhi Secretariat, I.P.Estate, Delhi-110002
3. The Pr. Secretary (Revenue) cum Divisional Commissioner, 5 Sham Nath Marg, Delhi-110054.
4. The Principal Secretary (Health & Family Welfare), Govt of NCT of Delhi, 9th Level, Delhi Secretariat, I.P. Estate, Delhi – 110002.
5. The Chairman, New Delhi Municipal Council, Palika Kendra Building, Parliament Street, Delhi-110001
6. The Commissioner, South Delhi Municipal Corporation (SDMC), 9th Floor, Dr. S.P.M Civic Center, JLN Marg, New Delhi - 110002
7. The Commissioner, North Delhi Municipal Corporation (NDMC), 4th Floor, Dr. S.P.M Civic Center, JLN Marg, New Delhi-110002
8. The Commissioner, East Delhi Municipal Corporation (EDMC), 419, Udyog Sadan, Patparganj Industrial Area, Delhi-110092
9. The Chief Executive Officer, Delhi Cantonment Board (DCB), Delhi Cantt. Sadar Bazaar, New Delhi-110010.

Contd....2

10. The Chief Executive Officer, Delhi Jal Board, Varunalaya Ph-II, Jhandewalan, Karol Bagh, New Delhi- 110005
11. The Commissioner of Industries, Govt. of NCT of Delhi. 419, Udyog Sadan, FIE Patparganj, Delhi- 110092.
12. The Principal Secretary (Environment & Forest), 6th Floor, Delhi Secretariat, I.P.Estate, New Delhi – 110002.
13. The Managing Director, Delhi State Industrial & Infrastructure Development Corporation Ltd. N-36, Bombay Life Building, Connaught Circus, New Delhi - 110001
14. The Secretary, Irrigation & Flood Control Department (I&FC), Govt. of NCT of Delhi, L. M. Bundh, Shastri Nagar, Delhi - 110031.
15. The Secretary - Cum -Commissioner, Development Department, Govt. of NCT of Delhi 5/9, Under Hills Road, Delhi-110054
16. The Member Secretary, Central Pollution Control Board , Parivesh Bhawan, East Arjun Nagar, Delhi - 110032
17. The District Magistrates of 11 Revenue Districts in Delhi.
18. The Director (Environment), Govt. of NCT Delhi, Delhi Secretariat, I.P. Estate, New Delhi- 110002.

Copy to:

1. The Vice Chairman, Delhi Development Authority, Vikas Sadan, INA, Delhi-110023.
2. The Commissioner, Delhi Police, Delhi Police Headquarter, MSO Building, IP Estate, Delhi- 110002.
3. The Member Secretary, DPCC
4. Staff Officer to Chief Secretary, Govt. of NCT of Delhi, 5th Level, Delhi Secretariat, I.P. Estate, Delhi – 110002 - for kind information to Chief Secretary Please.
5. LO, DPCC
6. PA to Addl. Chief Secretary (Env. & Forest), Govt. of NCT of Delhi.


(D. K. Singh)
Incharge, WMC-II
DPCC

Minutes of the Meeting of State Level Committee headed by Chief Secretary held on 25.02.2021 at 04.30 P.M through Video Conferencing to review the action taken w.r.t. the orders of Hon'ble National Green Tribunal in O.A. No. 606/2018 regarding Compliance of Municipal Solid Waste Management Rules, 2016.

Officers from various Organizations including Environment Deptt [Addl. Chief Secretary (Env. & Forest) and Pr. Secy (Env.) Cum Chairman, DPCC], Urban Development Deptt., GNCTD [Secretary (UD)], Municipal Corporations (Commissioners of SDMC & North DMC and EDMC), Chairman NDMC, Delhi Cantonment Board, Revenue Department, Health (Spl. Secy), Delhi Jal Board, DSIIDC, Member Secretary, Delhi Pollution Control Committee and other Departments attended the meeting.

Chief Secretary, welcomed the participants. Addl. Chief Secretary (Env. & Forest) briefed about the issues for review in the meeting & informed that compliance status w.r.t Solid Waste Management Rules, 2016 is dismal. There is slow progress in various projects related to MSW Processing & Disposal. Despite setting up processing facilities, Delhi is not able to process 100% of its MSW. Present processing capacity is about 50% and the proposed processing facilities for remaining 50% is taking a long period of time. We need to have tighter timelines and monthly milestones (PERT Chart) for monitoring of the projects. Segregation at source/household level is lacking and needs urgent action by all the local bodies. Only 7% of Legacy Wastes has been bio-mined and DMCs are required to expedite the bio-mining of legacy waste to meet the timelines given in the Action Plans submitted to Hon'ble NGT. Local Bodies to take urgent action for strict enforcement of SWM Rules, 2016.

Pr. Secy (Env) informed that as per the latest order dated 14.12.2020 of Hon'ble NGT in OA No. 606/2018, Hon'ble NGT will primarily deal with the issues of Solid Waste Management only and appearance of the Chief Secretary, Delhi has been deferred till further Orders subject to the condition that the monitoring at the level of Chief Secretary may continue, as directed earlier. Quarterly compliance reports are to be filed with CPCB.

Member Secretary, DPCC, made a Power Point Presentation on the status of Solid Waste Management in Delhi including Compliance Status w.r.t Rule 22 of SWM Rules, 2016, brief of Action Taken w.r.t earlier meeting held on 22.12.2020, MSW Generation, Processing , Gap & proposed Processing Facilities in Delhi and the same is briefed below :

1. Compliance Status of Local Bodies regarding Identification, Procurement & Setting up of Processing/Landfill Sites, Segregation Practices, Door-to-Door Collection and Bio-remediation of Legacy Waste.

It was informed that identification & procurement of sites for setting up of processing facilities have been done by SDMC [WTE at Okhla (operational) & WTE at Tehkhand (proposed)], North DMC [Integrated Municipal Solid Waste Management Facility having WTE & Compost Plant at Bawana (operational)] and EDMC [WTE at Ghazipur (operational) and Integrated Municipal Solid Waste Management Facility with WTE & Bio-methanation Plant at Ghonda Gujran (proposed)].

Engineered SLF at Bawana is already in operation. SDMC has identified & procured the land at Tehkhand for development of Engineered SLF and the matter is under process (SDMC has requested the Central Govt. for providing funds). EDMC is yet to identify & procure the site for Engineered SLF. Commissioner EDMC informed that they have procured the land at Ghonda Gujran for Integrated Municipal Solid Waste Management Facility with WTE, Bio-methanation Plant and C&D Waste Processing Facility. Presently there is no Engineered SLF in EDMC area. MSW generated (2700 TPD) from EDMC area is being disposed through the existing 1200 TPD WTE Plant at Ghazipur and rest of the MSW is being dumped at Ghazipur dumpsite.

Regarding enforcement of segregation practice, Commissioners of SDMC & North DMC and EDMC informed about the present status & awareness campaigns launched by them for achieving the target of 100% segregation of waste at source. Commissioner North DMC also informed that they have recently commissioned an 8 TPD Material Recovery Facility (MRF) under the Zakhira Bridge.

2. Action Taken Report w.r.t. previous meeting held on 22.12.2020:

Action Taken Report w.r.t. previous meeting held on 22.12.2020 was briefed. In the last meeting held on 22.12.2020, it was decided that organic bio-degradable MSW (about 50% of total MSW) should be either disposed through Composting or Bio-methanation (as far as possible) instead of incineration & dumping at dump sites in Delhi. Out of total 11122 TPD MSW generation in Delhi, 5561 TPD (50% of total MSW) is Biodegradable portion & presently 1149 TPD (21% of Biodegradable portion) is being disposed through Compositing or Bio-methanation.

It was informed by Commissioner SDMC that two Bio-Gas Plants of 200 TPD each at Goyla Dairy & Nangli Dairy in Najafgarh are under construction and expected to be commissioned by Sept, 2021. There is one proposed Bio-Gas Plant of 200 TPD at Bhalaswa Dairy (in North DMC area). Commissioner EDMC informed that one Bio-methanation Plant of 1200 TPD is proposed in the Integrated Municipal Solid Waste Management Facility at Ghonda Gujran (in EDMC area) which is expected to be commissioned by September, 2022.

In the last meeting held on 22.12.2020, it was also decided that 50% of Legacy Waste at 3 dump sites (at Ghazipur, Bhalaswa & Okhla) should be bio-mined by 31.03.2021 & 100% by June, 2022 and Municipal Corporations were required to submit Action Plan along with timelines to UD Dept. & DPCC. It was informed by Commissioners of SDMC & North DMC and EDMC that Action Plans along with time lines for bio-mining of Legacy waste at the said Dump sites in their areas have been submitted to Hon'ble NGT. Commissioner EDMC informed that it is impractical to achieve target of 50% bio-mining by 31.03.2021.

3. Gaps in MSW Generation and Processing

It was informed that there is low percentage of processing of MSW (51%, i.e., 5671 TPD against the total 11122 TPD MSW generation). 5451 TPD of MSW (49% of total) is being dumped at 3 Dump sites at Bhalaswa, Ghazipur & Okhla. MSW Processing is 51% in North DMC area, 50% in SDMC area and 47% in EDMC area. MSW of NDMC (Processing-100 %) & DCB (Processing-64 %) is processed /disposed through the Waste to Energy Plant at Okhla and Compost Plant at Okhla.

Commissioner EDMC informed that they have plan for 3300 TPD of MSW Processing & Disposal to fill the gap in Solid Waste Management. Commissioner North DMC & SDMC informed that they have plan for 4000 to 5000 TPD to fill the gap in Solid Waste Management in North DMC & SDMC areas.

4. Proposed Major Processing Facilities

It was informed that 03 MSW processing Facilities of total 6000 TPD capacity are proposed (i) 2000 TPD Waste to Energy Plant at Tehkhand (by 31.12.2021) (ii) 2000 TPD Integrated Municipal Solid Waste Management Facility with 600 TPD WTE, 1200 TPD Bio-methanation Plant & 200 TPD C&D Waste Processing Facility at Ghonda Gujran (by 30.09.2022) and (iii) 2000 TPD Integrated Waste Collection, Segregation, Transportation, Processing & Disposal Facility for SP-City, Karol Bagh & Narela Zone in North DMC (by 31.12.2021).

5. Segregation at Source – Status and Timelines

Status of segregation of MSW at source was briefed and given in following table :

S. No.	Local Body	Status of Segregation at Source		Timeline for Achieving 100 % Segregation at Source
1.	North DMC	80-100% 30%	in 3 Model Wards, in rest 101 Wards	December, 2023
2.	South DMC	80-100% 50-60% 30-40%	in 3 Model Wards in 13 Wards in 42 Wards	December, 2021
3.	East DMC	80-100% 75% 30%	in 3 Model Wards in 6 Wards in 55 Wards	March, 2022
4.	NDMC	96 - 100%	in all the 14 Circles.	-
5.	DCB	90% 60%	in Civilian area in Army area	December, 2021

6. Bio-Mining of Legacy Waste

It was informed that as on 15.02.2021, total bio-mined Legacy Waste was 20.5 Lakh Ton which is only 7.3% of the total Legacy Waste of 280 Lakh Ton (as on 17.07.2019) at 3 Dump sites at Ghazipur, Bhalaswa and Okhla. Bio-mining of Legacy Waste is very slow. Bio-mining of Legacy Waste by 3 DMCs as on 15.02.2021 is given in following Table :

S. No.	Name of the Dumpsite	Quantity of Legacy Waste Dumped (As on 17.07.2019)	Total Quantity of Legacy Waste Processed	No. of Trommels Operational
1	Ghazipur	140 Lakh Ton	4.15 Lakh Ton (3%)	17
2	Bhalaswa	80 Lakh Ton	13.1 Lakh Ton (16.4%)	21
3	Okhla	60 Lakh Ton	3.25 Lakh Ton (5.4%)	12
Total		280 Lakh Ton	20.5 Lakh Ton (7.3%)	50

Commissioner EDMC informed that due to space constraint at Ghazipur Dumpsite, bio-mining is slow. As per the Action Plans submitted by 3 DMCs to Hon'ble NGT, following timelines have been given for bio-mining of Legacy Waste:

Dumpsite	Timeline for 25% Remediation	Timeline for 50 % Remediation	Timeline for 100% Remediation
Ghazipur	March, 2022	March, 2023	December, 2024
Bhalaswa	April, 2021	October, 2021	June, 2022
Okhla	October, 2021	April, 2022	March, 2023

After detailed deliberations following directions were given by the Chief Secretary :-

- (i). **All Local Bodies to take urgent necessary action to ensure 100% Segregation of MSW** at source to comply with the orders of Hon'ble NGT and SWM Rules, 2016 and submit an Action Plan with Timelines and Milestones so that progress can be monitored on monthly basis.
- (ii). **All Local Bodies to make a Prospective Action Plan for Solid Waste Management** including Action Plan for Organic Bio-degradable MSW (for disposal through Composting or Bio-methanation / Bio-Gas generation) considering the population increase in future along with Timelines & Milestones for next 20 years, i.e., up to 2041 including MSW Generation, Gap Assessment, Proposed MSW Facilities / Projects to fill the Gap and with PERT Chart for every project for proper monitoring & accountability of the responsible officers.
- (iii). **All the 3 Municipal Corporations to strictly follow the timelines given in the Action Plans submitted to Hon'ble NGT for Bio-mining of Legacy Waste at 3 Dumpsites in Delhi.**
- (iv). **All the concerned Municipal Corporations & Local Bodies and District Magistrates** shall submit their Compliance Status / Action Taken Report & Information in the **5 Formats enclosed** with the Minutes through their Nodal Officers to DPCC by 10th of every Month for review of the progress w.r.t compliance w.r.t. orders of Hon'ble National Green Tribunal in O.A. No. 606/2018.
- (v). Municipal Corporations / Local Bodies, Revenue Department and other concerned Departments shall **provide Name, Designation & Contact details (Mobile No, Email ID etc) of their Nodal Officers to DPCC at the earliest.**

Information in the prescribed Format / Template of CPCB regarding Solid Waste Management for the Quarter, January to March, 2021 shall be provided by all the Municipal Corporations / Local Bodies to DPCC [through email at Email Id: dpcc.wmc2.delhi@gmail.com, hard copy of the same is also required to be submitted] by 10.04.2021.

Meeting ended with a vote of thanks to the Chair.

Format 1 : Status of Municipal Solid Waste Management in Delhi (Generation, Segregation, Collection & Disposal)**[As on2021, Last day of the Month]****Name of the Municipal Corporation :**

PopulationLakh, AreaSq. Km, No. of Wards....., No. of House Holds..... Lakh, No. of Dhalaos.....

Name of the Nodal Officer :Designation.....

Contact No : Phone (O)MobileEmail :.....

S.No.	Particulars	North DMC	SDMC	EDMC	NDMC	DCB	Total
1	Total Quantity of MSW Generation (in TPD)						
2	MSW Generation per capita per day (in Kg)						
3	Bio-degradable MSW (in TPD & % of Total MSW)						
4	Non Bio-degradable MSW (in TPD & % of Total MSW)						
5	Domestic Hazardous Waste (in TPD & % of Total MSW)						
6	No of Bulk Waste Generators						
7	No of Authorised Waste Collectors / Agencies						
8	Door to Door Collection of MSW (in TPD & % of Total MSW)						
9	Status of Segregation of MSW at Source :						
	(a) in Model Wards (in %)						
	(b) in Other Wards						
	(c)Timeline to achieve 100% Segregation at Source in All Wards						
10	No of Vehicles for Transportation of MSW with GPS						
11	No of Material Recovery Facilities (MRFs) & Total Capacity (in TPD)						
12	No of Recycling Facilities & Total Capacity (in TPD)						
13	No. of Waste Deposition Centres for Domestic Hazardous Waste						
14	Total MSW Processed (in TPD & % of Total MSW)						
15	Total MSW Disposed in Secured Land fill Site (Engineered SLF) (in TPD & % of Total MSW)						
16	Total MSW Disposed in Dump Site(s) (in TPD & % of Total MSW)						
17	Gap in Solid Waste Management (in TPD & % of Total MSW)						

Date :

Signature of Nodal Officer :

Format 2 : Existing Municipal Solid Waste (MSW) Processing Facilities in Delhi
[As on2021, Last day of the Month)

Name of the Municipal Corporation :

Name of the Nodal Officer :Designation.....

Contact No : Phone (O)MobileEmail :

S. No.	Type of MSW Facility	Nos	Location	Name & Address of the Facility	Capacity (in TPD)	Date of Commissioning	Operational Status (Yes / No)	Remarks
1	Integrated MSW Processing Facilities							
2	Waste to Energy Plants							
3	Centralized Compost Plants							
4	Bio-methanation Plants							
5	Bio Gas Plants							
6	Composters							
7	Compost Pits							
8	Material Recovery Facilities (MRFs)							
9	Others (Specify)							
	Total							

Date :

Signature of Nodal Officer.....

Format 3 : Status of Proposed Municipal Solid Waste (MSW) Processing Facilities in Delhi
[As on2021, Last day of the Month)

Name of the Municipal Corporation :

Name of the Nodal Officer :Designation.....

Contact No : Phone (O)MobileEmail :

S. No.	Type of MSW Facility	Nos	Location	Name & Address of the Facility	Capacity (in TPD)	Timeline for Commissioning	Present Status of Project (Cumulative Progress, in %)	Incremental Progress in the Month (in %)	Remarks
1	Integrated MSW Processing Facilities								
2	Waste to Energy Plants								
3	Centralized Compost Plants								
4	Bio-methanation Plants								
5	Bio Gas Plants								
6	Composters								
7	Compost Pits								
8	Material Recovery Facilities (MRFs)								
9	Others (Specify)								
	Total								

Date :

Signature of Nodal Officer.....

Format 4 : Status of Bio-mining of Legacy Waste at Three Dump Sites in Delhi [As on2021, Last day of the Month)

Name of the Municipal Corporation :
 Name of the Nodal Officer : Designation :
 Contact No : Phone (O) Mobile Email :

S. No.	Name of the Dumpsite	Quantity of Legacy Waste Dumped (As on 17.07.2019)	Total Cumulative Legacy Waste Bio-mined /Processed		Quantity of Legacy Waste Bio-mined /Processed in the Month (in Lakh Ton)	Trommels					Quantity of Fresh MSW being Dumped (in TPD)	Total Quantity of Legacy Waste at the Dump Site (in Lakh Ton) [Col (3) – (4) + Fresh MSW dumped since 18.07.2019]	Legacy Waste Composition (Main Fractions) & Disposal of Bio-mined Legacy Waste
			Quantity (in Lakh Ton)	% of Total Legacy Waste		Installed		Operational		Processing Capacity of operational Trommels (in TPD)			
						30 mm Sieve (Nos)	6 mm Sieve (Nos)	30 mm Sieve (Nos)	6 mm Sieve (Nos)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Ghazipur	140 Lakh Ton											(i) Compostable Organic Waste..... (%) (a) Total Waste Bio-mined Lakh Ton (b) Total Waste Disposed.....Lakh Ton (through Composting etc.) (c) Total Waste lyingLakh Ton at the site of Bio-mining
2	Bhalaswa	80 Lakh Ton											(ii) Combustible/Incinerable Waste (RDF)..... (%) (a) Total Waste Bio-minedLakh Ton (b) Total Waste Disposed through WTE....Lakh Ton (c) Total Waste lying Lakh Ton at the site of Bio-mining
3	Okhla	60 Lakh Ton											(iii) Inert Material and C&D Waste(%) (a) Total Waste Bio-minedLakh Ton (b) Total Waste Used/Recycled Lakh Ton at the Dumpsite (Road repair etc.) (c) Total Waste Disposed in Lakh Ton Low Lying Areas (Parks / Eco Park of NTPC at Badarpur etc.) (d) Total Waste lying Lakh Ton at the site of Bio-mining
	Total	280 Lakh Ton											(iv) Other Bio-mined Materials (Recyclables: Metals / Glass etc.)..... (%) (a) Total Waste Bio-minedLakh Ton (b) Total Waste Disposed.....Lakh Ton (through Recyclers etc.) (c) Total Waste lying Lakh Ton at the site of Bio-mining

Date :

Signature of Nodal Officer :

**Format 5 : Action Taken Reports of District Magistrates w.r.t Rule 12 of Solid Waste Management Rules, 2016 and
Special Task Forces (STFs) constituted w.r.t orders of Hon'ble NGT Dated 16.01.2019 & 11.03.2019 in OA No. 606/2018
(As on2021, Last day of the Month)**

Name of the Nodal Officer at Revenue Head Quarter :Designation.....
(For Compiling the Information for All DMs)

Contact No : Phone (O)MobileEmail :

S. No.	Name of District	Action Taken Report w.r.t Rule 12 of SWM Rules, 2016			Action Taken Report of STFs (Awareness Programmes for SWM)				Remarks
		Identification & Allocation of Suitable Land for SWM Facilities	Review of Performance of Local Bodies on MSW Segregation, Processing , Treatment & Disposal		Educational Organisations (Nos)	Social Organisations (Nos)	Religious Organisations (Nos)	Eco Clubs (Nos)	
			No of Meetings Held	Corrective Measures Taken					
1	North								
2	North West								
3	West								
4	Central								
5	South								
6	South East								
7	South West								
8	North East								
9	East								
10	Shahdara								
11	New Delhi								
	Total								

Date :

Signature of Nodal Officer.....