

To

1. Addl. Commissioner-I
Municipal Corporation,
Gurugram
2. Superintendent Engineer,
Municipal Corporation,
Gurugram

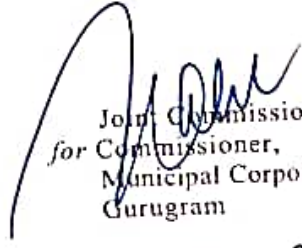
Memo No. JC-SBM/MCG/2023/ 1309

Dated: 20/11/2023

Subject: - Minutes of review meeting regarding decision made by the committee, constituted as per the order of Hon'ble NGT in OA No. 172 of 2021, held under the Chairmanship of Commissioner, MCG, on 14th Sep. 2023 at 11.00 AM at Conference Hall, 3rd Floor, GMDA, Gurugram.

A review meeting regarding decision made by the committee, constituted as per the order of Hon'ble NGT in OA No. 172 of 2021, held under the Chairmanship of Commissioner, MCG, on 14th Sep. 2023 at 11.00 AM at Conference Hall, 3rd Floor, GMDA, Gurugram.

The Minutes of the same are hereby sent to you for information and necessary action as per the decisions taken during the meeting, please.

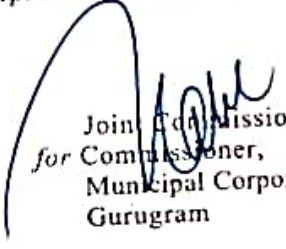

Joint Commissioner-SBM,
for Commissioner,
Municipal Corporation,
Gurugram

Dated: 20/11/2023

Endst No. JC-SBM/MCG/2023/ 1310

A copy of the above is forwarded to the following for information and necessary action please.

1. Executive Engineer-SBM, Municipal Corporation, Gurugram.
2. Assistant Engineer-SBM, Municipal Corporation, Gurugram.
3. Junior Engineer-SBM, Municipal Corporation, Gurugram.
4. Junior Engineer Bandhwari, Municipal Corporation, Gurugram.
5. Consultant-SBM, Municipal Corporation, Gurugram.
6. Consultant-WTE, Municipal Corporation, Gurugram.
7. Consultant-MCG, Municipal Corporation, Gurugram.
8. Sh. Shubehndu, Representative, Eco-Green, Gurugram.
9. Sh. Vikrant, Representative, Eco-Green, Gurugram.
10. PA to Commissioner, Municipal Corporation, Gurugram.
11. PA to Addl. Commissioner-I, Municipal Corporation, Gurugram.
12. PA to Joint Commissioner-SBM, Municipal Corporation, Gurugram.


Joint Commissioner-SBM,
for Commissioner,
Municipal Corporation,
Gurugram

Minutes of the review meeting regarding decisions made by the Committee constituted in OA No. 172 of 2021 titled as Poonam Yadav Vs M/s. Ecogreen Energy Pvt. Ltd. & Ors. held under the Chairmanship of Commissioner, Municipal Corporation, Gurugram on 14.09.2023 at 11:00 AM in the GMDA Office, Sector 44, Gurugram.

LIST OF PARTICIPANTS ATTACHED IN ANNEXURE - "A"

The chairperson welcomed all the participants.

The meeting commenced with the chairperson outlining the meeting's objectives, emphasizing MCG's commitment to promptly address issues in line with the directives of the Hon'ble NGT (National Green Tribunal). The agenda items were introduced systematically, and each participant shared their progress updates, which were relayed to the chairperson. Emphasizing the significance of clear ownership and responsibility, the chairperson assured participants that any failure to fulfill assigned tasks would result in appropriate actions. Below, you'll find a comprehensive summary of each agenda item, including the outcomes and instructions provided:

1. Fresh Waste Processing:

EE-MCF updated regarding development of more Fresh Waste sites at Pali, Mujhedi, Riwazpur and Pratapgarh in the Municipal Corporation Faridabad. He informed that the Mujhedi Site is almost at final stage of development.

The Chairperson directed that that MCF should work on improving source segregation. It should also develop its own sites for composting at its own. MCG has provided site to Ecogreen in the past for waste processing but it has failed miserably in segregation, composting and any kind of processing at these sites. These sites have been converted into another dump site by the Ecogreen. Also the Bandhwari site has been filled with unprocessed waste as almost 80% waste is getting dumped at it due to the failure of Ecogreen in waste processing. This in turn has resulted in a situation where MCG itself is now getting the waste at Bandhwari processed by other agencies (Bio-mining and Bio-remediation) at the risk & cost of M/s Ecogreen. So, it is only reasonable that more new sites are not provided to Ecogreen at present, rather these are developed by the MCF and waste processing and composting should be started at its own. EE-MCF is directed to discuss the matter with the Commissioner, MCF.

According to information provided by the EE-SBM, M/s Ecogreen has been dumping the fresh waste at the 2.5 acre land and it has almost been covered with fresh waste. It was discussed that that 80% of the waste is being dumped on the site without due processing before the final disposal at the site. Whereas, the primary objective must be to process the waste extensively prior to its transportation to the landfill. The aim should be to limit solid waste at the site to only 10-20% eventually. Simultaneously, the Chairperson emphasized the urgency of expediting Bio-mining and Bio-remediation activities at the old site to reclaim the land.

Furthermore, M/s Ecogreen has not established any processing facilities functioning as Material Recovery Facilities, leading MCG to acquire additional trommels at the expense of M/s Ecogreen to facilitate waste processing. As for the acquisition status of the two additional trommels, EE-SBM informed that the matter is currently in progress and financials bids have been opened.

The trommel and Ballistic separator of the Ecogreen trommel have been shifted to Badshahpur. For installation and repair, an estimate file is under process. It must be expedited and shifting needs to be done within a week.

EE-SBM informed that the tender for collection from the Secondary Collection points will be processed within a week.

Regarding the status of CCTV installation at the Secondary Collection Points and processing sites, it was informed by the EE-SBM that the file is under process and has been sent to the Accounts Branch. It was directed by the Chairperson that MCG will send a consent letter for installation of the CCTV at Secondary Collection Points and processing sites.

It was directed that tendering process for Primary Waste Collection should be started and tender should be floated. The MCG should be ready to manage any unpredictable circumstances should they arise because of the mismanagement and failure of the Concessionaire.

Regarding the 100 acre land acquisition at the Sohna site, the land lies in the Ujina village in Nuh District. It was directed to coordinate with the DRO for the report on acquisition.

Legacy Waste:

As on 30.04.2023, the balance legacy waste was 27.20 lacs MT at the Bandhwari Landfill site. From 1st May 2023 to till date(12.09.2023) total 8.25 lacs MT of legacy waste has been processed and 186829MT fresh waste has been dumped w.e.f 1st May 2023 to till date thus balance 21.28 lacs MT legacy waste is to be processed by November 2023.

It was submitted by the EE-SBM that M/s Bhumi Green has processed approx. 299436 MT of legacy waste from 1st April 2023 to 12.09.2023. M/s GCC has processed 132413 MT, and M/s DCC has processed 164554 MT of waste from 1st April 2023 to 12.09.2023. M/s Zigma has processed 26845 MT till 12.09.2023.

The chairperson directed that the processing of the balance legacy waste must be expedited so as to achieve the target of processing of entire legacy waste up to November 2023. The fresh waste must be dumped separately on the 2.5 Acre land and it should not keep accumulating on the older dumps. It is the responsibility of M/s Ecogreen to ensure that waste is processed at the Secondary Processing sites and only 20-25% non recoverable, nor recyclable waste should be dumped at the Bandhwari site.

It was informed by EE-SBM that 03 tenders for 05 Lac MT waste processing have been recalled after necessary approvals. All tenders will be opened on 29.09.2023.

It was informed that the report about weigh bridge calibration from IIT Guwahati has been received. It states that all installed weigh bridges are calibrated. It was directed that one more cross check could be done from a certified weigh bridge.

It was informed by the EE-SBM that drone survey report for 15.05.2023 has been received. Agency assessed that approx 25.1 Lac of legacy waste is still lying at SLF site as on 15.05.2023. next survey has been done in mid August, report of which is still awaited.

Regarding the status of clearing of the village road, it was discussed that the new processing as per the 05 MT tenders would be started at the village road side. Also M/S Zigma Global has agreed to install another trommels at the village road side and they will process the village road waste as well.

The current incidents of fire outbreak at the landfill site on 03.09.2023 and 04.09.2023 were discussed. Consultant WTE informed that the fire incidents usually take place when the waste is dumped in haphazard manner without proper compaction while dumping. It leads to creation of air or methane pockets which result in fire outbreaks during high temperatures. Proper waste management including vents, slide cuts in the waste, methane gas detection and adequate compacting may help to minimize the incidents of fire at the site. Consultant-SBM informed that a fire mitigation plan may be sought from the Consultant Mr. Khandelwal (on our contract) and we may proceed accordingly. It was suggested by the SE, MCG that DLF fire station is the nearest to the landfill site, a letter may be written to them to provide immediate assistance in case of any fire at the landfill site.

2. Refused Derived Fuel:

All the agencies were directed to expedite the RDF disposal. The Chairperson discussed that disposal of RDF is a big challenge and must be done as per the norms and guidelines and we need to be vigilant of where the agencies are disposing their RDF. RDF is allowed to be disposed off at the cement plant and the certified WTE plants only. Only the plants which are scheduled on the State Load Dispatch Centre (SLDC) are the authorized agencies, these plants are valid for RDF disposal. The agencies should dispose the RDF to the authorized sites by themselves and not leave it to third parties.

It was directed that reverse calculation must be done with the RDF quantity for the assessment of waste processed at the site. It was also directed that if RDF is not disposed, payment for bio-soil and inert shall not be made as well.

It was submitted that the reports from various committees formed for RDF disposal sites is still awaited except committee for JBM Murthal. It was directed to send a reminder to all committees and collect the reports from all committees in one week.

M/s GCC was directed to dispose its RDF to the cement plant within next week and no RDF should be remaining in and around the WTE site.

It was directed that the SE-MCG along with the Consultant will develop a Check-list that must be attached with each and every filed related to payments w.r.t to Waste Management and processing.

Calorific value of RDF must be cross-checked from the Shri Ram Institute of Industrial Research New Delhi.

It was also directed that all vehicles carrying RDF must be GPS enabled, their tracking details must be provided to GIS lab for analysis. EE-SBM has to ensure that no payment is made to any agency without adequate verification of GPS data. There is no scope of laxity in the GPS conditions for payments. As per the terms and conditions of the work order, GPS enabling and tracking is

mandatory and it must be followed for payments to agencies. The rule applies to all vendors engaged by the MCG.

3. Leachate Management:

It was informed by AE-SBM, MCG that the existing DTRO and LTP of Ecogreen are not functioning since Mid June. Huge pond is formed around the site which is filled with leachate and monsoon water which will require approximately 100-120 tankers to lift it all.

M/s Ecogreen has been directed multiple times to increase the capacity of leachate treatment as required for the site, but it has taken no additional measure for the same, moreover the existing set up of DTRO and LTP is also halted by it since 3 months. The Chairperson directed that these unsubstantiated excuses by the Concessionaire are not acceptable and a notice must be served to M/s Ecogreen for its failure to manage leachate that is generated at the site, as per the obligations of Concession Agreement. Also the cost being borne by MCG for the leachate disposal through tractors to STP site must be deducted from the concessionaire bills. It was also directed that the Environmental Damage cost should be passed on Ecogreen and must be deducted from its immediate running bill.

The Chairperson expressed his dissatisfaction over the leachate management at the site which has led to worsening of situation and extension of leachate pond beyond the leachate site, despite strict directions from the Chairperson in all previous meeting. It was directed to Charge Sheet the JEs and AE-SBM deputed at the Bandhwari site, for their poor performance in executing the duties and responsibilities related to the landfill site monitoring and management. AE-SBM informed that the pond will be cleared within the next 10 days.

It was informed by the EE-SBM that a meeting was conducted with all agencies for lifting the leachate and a target has been set for each agency. 686 trips of three agencies are still pending as per their previous target. It was directed to use larger capacity tankers for the leachate transfer. It was also directed to ensure GPS tracking of the point where these tankers are disposing off the leachate. JE-SBM informed that staff has been deployed at the disposal site for monitoring.

It was directed to do sampling and check the quality of leachate which is free flowing in the extended area along with quality of Water of nearby Tube well existing in Mangar village.

It was also directed to do an advance planning for any anticipated issues including tenders, agency identification, so that any unforeseen circumstances could be handled on emergency basis.

It was informed that a temporary catchment drain has been developed along the village road. The work for permanent drain could start only after the clearing of village road.

4. Waste to Energy Plant:

It was informed by the Consultant-WTE that Financial Closure has already been received from M/s Ecogreen and the same has been scrutinized by the team of consultants and a report has been submitted to JC SBM. The matter was discussed in detail in this meeting. JC-SBM has to obtain report of M/s DSK Legal on the said Financial Closure.

Regarding the commencement of work at the site, the trommel, RDF, DTRO of Ecogreen has not yet been shifted. Except for two sign boards installation, no actual work has started at the site. There is no movement of manpower, machinery and other resources at the site as yet.

It was directed that a report must be sent to the directorate about the non-satisfactory Financial Closure report and insignificant commencement of work at the WTE site.

Following action points and directions were issued during the meeting:-

Agenda	Action Points	Responsibility
MCF	MCF should start its own processing at the new sites rather than giving it to the Ecogreen. EE-MCF to discuss with the CMC-MCF.	EE, MCF
	Along with the new sites, processing facilities and MRFs should be developed in the MCF jurisdiction to ensure only 10-20% waste reaches the end point in landfill sites	EE, MCF
Fresh Waste	Tender process for collection of primary waste should be started	EE-SBM, MCG
	Installation of CCTV cameras at all Secondary Collection Points, Processing facility and MRFs, an approval and consent from MCG must be sent to the GMDA.	JC-SBM, MCG
	Tender process for transportation from Secondary collection point must be expedited	EE-SBM, MCG
	Technical approval and financial opening need to be expedited.	EE-SBM, MCG
	File for the repair of Ecogreen trommel at the Badshahpur site must be expedited.	AE-SBM, MCG
	Monitoring mechanism for waste collection through tendering to be developed	JC-SBM, MCG
Legacy Waste	Submit agency wise reports on daily, weekly and monthly basis for processing of legacy waste & report of penalty imposition also to be submitted and notice to Ecogreen to deposit the cost of work done of MCG at the Risk & Cost of the Ecogreen	EE-SBM, MCG
	Village road clearing through 5 Lac tender plus M/s Zigma trommel installation at the site.	EE-SBM, MCG
	Weigh-bridge calibration need to be cross checked from a certified agency	EE-SBM, MCG
	Work order for drone survey for next 6 cycles need to be issued	EE-SBM, MCG
	File for hiring PMU and transactional advisor need to be expedited	EE-SBM, MCG
	EE-SBM to check if an older proposal file for wall construction can be used for construction of the wall towards the village	EE-SBM, MCG

	Fire mitigation plan to be developed through the consultant	JC-SBM, MCG
	Notice to Ecogreen for failure in management of fire incidents	JC-SBM
	Letter to the DLF fire station for providing immediate assistance in case of fire incident at the landfill site	EE-SBM, MCG
Leachate	Agencies must complete their target for leachate picking through tankers	EE-SBM, MCG
	Chargesheet of the JEs and AE-SBM for failure in execution of duties related to the Landfill site	ADCMC, MCG
	Advance short term tender should be floated for urgent management of leachate (transport through tankers)	EE-SBM, MCG
	A weekly meeting with all agencies must be conducted to keep the pace of the processing and leachate management work	EE-SBM, MCG
	Cost being borne by MCG for the leachate disposal through tractors to STP site must be deducted from the concessionaire bills.	EE-SBM, MCG
	Logsheet must be maintained by the M/s Ecogreen at all sites, transfer stations, MRFs, Processing facilities and for DTRO and LTP operations.	M/s Ecogreen
	A check-list must be prepared by the SE and Consultant, which must be put with each file related to payment of waste processing.	EE-SBM, MCG
	A notice must be issued to Ecogreen for management of leachate at the site	EE-SBM, MCG
	Sampling and quality check for Mangar village tube well water and the leachate free flowing beyond the landfill site	EE-SBM, MCG
	Environmental Damage cost should be put on Ecogreen and must be deducted from its immediate running bill.	EE-SBM, MCG
RDF	Reports from all committees formed for RDF disposal assessment at various plants outside the city must be compiled and submitted in a week. A reminder to be sent to all the committees.	EE-SBM, MCG
	M/s GCC was directed to dispose its RDF to the cement plant within next week and no RDF should be remaining in and around the WTE site.	M/s GCC
	Ensure that the RDF is disposed off at the cement plants or only at the WTE plants that are scheduled at the SLDC.	All agencies + EE-SBM
	It must be mandated that every vehicle engaged in the transport work to and from the Landfill site should be GPS enabled. No bill related to the site will be processed without GPS enabled vehicles and tracking details provided to MCG. Get the GPS tracking analyzed by the GIS Lab	EE-SBM, MCG
	Analysis of the Calorific Value through the Shri. Ram Labs	EE-SBM, MCG
	All agencies must expedite the disposal of RDF along with the processing	All Agencies
	Plastic waste shredding unit file need to expedite	EE-SBM, MCG
	Reverse calculation to be done with RDF for assessment of waste processing	EE-SBM, MCG

WTE	Issue notice to the M/s Ecogreen for the clearing of site for Waste to Energy Plant site by removing the trommels or any other hindrance if exist any citing its obligations.	JC-SBM, MCG
	Reporting to the directorate about the FC submitted by Ecogreen and status of non commencement WTE work.	Consultant-WTE and EE-SBM

The meeting ended with vote of thanks to the Chair and all the participants.

Annexure-A

List of participants who attended the review meeting regarding decisions made by the Committee constituted in OA No. 172 of 2021 titled as Poonam Yadav Vs M/s. Ecogreen Energy Pvt. Ltd. & Ors. held under the Chairmanship of Commissioner, Municipal Corporation, Gurugram on 14.09.2023 at 11:00 AM in the GMDA Office, Sector 44, Gurugram.

S. No.	Name of Participants	Designation
1.	Sh. Amardeep	ADCMC-MCG
2.	Sh. Radhe Shyam Sharma	SE-MCG
3.	Sh. Vishal Garg	EE-SBM, MCG
4.	Sh. RK Mongia	AE-SBM, MCG
5.	Sh. Sarjeet	JE-SBM, MCG
6.	Sh. Sunil	JE- Bandhwari
7.	Sh. O. P. Goel	Consultant – Engineering & SBM, MCG
8.	Sh. Sharad Bhatnagar	Consultant-WtE, MCG
9.	Dr. Anita Phalswal	Consultant-MCG
10.	Sh. Manpreet Singh	MIS-SBM
11.	Sh. Shubehndu	Representative Ecogreen
12.	Sh. Vikrant	Representative Ecogreen
13.	Representatives from Agencies of GCC, Bhumi Green, Zigma, DC,	