

Report of Joint Committee

Order dated 04.08.2023 passed by the Hon'ble National Green Tribunal in Original Application no. 479 of 2023 titled as "Ramesh Mahendru Vs State of Punjab"

1.0 Brief Background

Ramesh Mahendru, President of Alfa Mahendru Foundation has approached the Hon'ble National Green Tribunal by sending a letter via email complaining that huge garbage dump has been built on the PAP flyover near bypass, Jalandhar city, which is emitting foul smell. It is alleged that due to the polluted environment, the employees working in the nearby offices and the people travelling through the National Highway are suffering. The applicant has prayed that Municipal Corporation, Jalandhar may be directed to remove the illegally dumped garbage and shown his willingness to cooperate for the same.

2.0 Order passed by the Hon'ble National Green Tribunal (04.08.2023)

The letter of the applicant was treated as Original Application no. 479 of 2023 "Ramesh Mahendru (Applicant) Vs State of Punjab and considering the grievances, the Hon'ble National Green Tribunal was pleased to pass an order dated 4.8.2023 thereby constituting a Joint Committee comprising of the Central Pollution Control Board (CPCB), Punjab State Pollution Control Board (PSPCB) and District Magistrate (DM), Jalandhar with a direction to undertake visits to the site, associate and to look into the grievances of the applicant, verify the factual position and to take appropriate remedial action and to submit report within two months via email at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR supported PDF and not in form of image PDF. The State PCB was nominated nodal agency for coordination and compliance. The relevant extract of the order dated 04.08.2023 passed by the Hon'ble National Green Tribunal in O.A No. 479 of 2023 is reproduced herein below for kind perusal and reference:

"In view of the averments made in the application, we consider it appropriate that a Joint Committee be constituted to verify the factual position and take appropriate remedial action. Accordingly,

we constitute a Joint Committee comprising Central Pollution Control Board (CPCB), Punjab State Pollution Control Board (PSPCB) and District Magistrate (DM), Jalandhar and direct the same to meet within one week, undertake visits to the site, look into the grievances of the applicant, associate the applicant, verify the factual position and take appropriate remedial action. The Committee may also ascertain from Jalandhar Municipal Corporation status of compliance with Solid Waste Management Rules, 2016 particularly on waste generated, waste processed and remediation of legacy waste. The State PCB will be the nodal agency for coordination and compliance.

Factual and Action taken report may be submitted within two months by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF / OCR supported PDF and not in the form of image PDF."

3.0 Compliance of order dated 04.08.2023: Action taken by the Joint Committee

3.1 Interaction and Discussion:

In compliance of the order dated 04.08.2023, the meeting of joint committee was held on 16.08.2023 under the Chairmanship of Deputy Commissioner, Jalandhar, wherein the following officers including the applicant were present:

- i) Ms. Gursimranjeet Kaur, Chief Minister Field Officer (CMFO), O/o Deputy Commissioner, Jalandhar.
- ii) Sh. Puneet Sharma, Joint Commissioner, Municipal Corporation, Jalandhar.
- iii) Sh. J.P Meena, Scientist-'D', CPCB, RD, Chandigarh.
- iv) Er. Sandeep Kumar, Environmental Engineer, PPCB, RO-1, Jalandhar.
- v) Er. Rozert Dhamija, Assistant Environmental Engineer, PPCB, RO-1, Jalandhar.
- vi) Sh. Ramesh Mahendru, President, ALFA NGO, Jalandhar.

3.2 1st Visit by the Joint Committee members

The Joint Committee members visited the site of the complaint located at Choughiti bypass, Jalandhar (Jalandhar to Amritsar Road on right side) on 16.08.2023 alongwith the applicant to check and verify the latest status and during visit detailed discussions were made with the applicant Sh. Ramesh Mehendru. Solid Waste was found dumped at the site unscientifically creating nuisance in the area.

The applicant informed the Joint Committee members that the garbage is dumped at the site for the last few years causing bad odour. The applicant requested to clear the site, process the dump scientifically and to challan the violators who are throwing waste in open at the site.

After detailed deliberations and discussions, the following decisions were taken by the Joint Committee:

- a) The Municipal Corporation, Jalandhar shall provide requisite data to Joint Committee regarding status of waste generated, waste processed and remediation of legacy waste within 10 days.
- b) The Municipal Corporation, Jalandhar shall clear all the garbage dumped at Bye-Pass and shall process it as per Solid Waste Rules 2016 within 10 days.
- c) The photographs of the site are attached herewith as **Annexure-A1**.

4.0 2nd Visit by the Joint Committee members

In the compliance to the decision taken during the first meeting of the Joint Committee on 16.08.2023, information was sought from Municipal Corporation, Jalandhar vide letter no. 3181 dated 19.09.2023 by the District Administration, Jalandhar. However, no reply was received from Municipal Corporation, Jalandhar.

Accordingly, the follow up meeting was called on 05.10.2023 under the Chairmanship of Deputy Commissioner, Jalandhar to monitor the latest status of action taken by Municipal Corporation, Jalandhar. The following members were present in the Joint Committee meeting:

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- i) Sh. Puneet Sharma, Joint Commissioner, Municipal Corporation, Jalandhar.
- ii) Sh. J.P Meena, Scientist-'D', CPCB, RD, Chandigarh.
- iii) Er. Sandeep Kumar, Environmental Engineer, PPCB, RO-1, Jalandhar.
- iv) Er. Varinderjeet, Assistant Environmental Engineer, PPCB, RO-2, Jalandhar.
- v) Dr. Shree Krishan, Health Officer, Municipal Corporation, Jalandhar.

The officials of Municipal Corporation, Jalandhar stated that the waste dumped at Choughiti bypass has been cleared. It was decided that the Joint Committee shall visit the dumping site at Choughiti Bypass, Jalandhar and the Wariana dump site of Municipal Corporation, Jalandhar.

The joint team visited the affected site located at Choughiti bypass, Jalandhar on 05.10.2023. During visit, it was observed that Police officials were deployed at the site and the waste was being removed from the site. About 150 trucks were pressed into service and around 1500 tons of solid waste has been removed till the time of visit by the Joint Committee.

Thereafter, the joint team visited the dump site of Municipal Corporation, Jalandhar located at Wariana, Kapurthala Road, Jalandhar on 05.10.2023 and it was observed as under:

- a) The dump site falls within the MC limits and is established in an area of about 16.2 acres. The officials of Municipal Corporation, Jalandhar informed that the site is in use for the last about 30 years.
- b) The Municipal Corporation, Jalandhar has provided 30 dump trucks and 43 trollies to carry the solid waste to the dump site.
- c) At the time of visit about 3 trollies and 03 dump trucks reached the site but none of them was covered.
- d) None of the vehicles was compartmentalized. No segregation of waste is being done before sending it to the dump site and no segregation is done at the dump site.
- e) No treatment of fresh waste or legacy waste is being carried out. The unsegregated waste received is dumped as such at the site.

- f) No weigh bridge has been provided at the dump site to ascertain the waste being received at site.
- g) The Municipal Corporation, Jalandhar officials informed that as per a survey carried out in 2019, 08 lacs MT solid waste was present at the dump site and 400-500 MT waste was being received every day at that time. Considering increase in daily waste generation and accumulation of waste since 2019, the total legacy waste lying at the dump site could be to the tune of 15 lacs MT.
- h) No boundary wall or fencing has been provided around the dump site and as such waste was found spread outside the dump site onto the road leading to the site.
- i) The Kala Sanghian drain passes at around 400 mtr away from the dump site. A lot of waste was found dumped along the bank of Kala Sanghian drain adding to the pollution in the drain.
- j) No plantation has been provided around the dump site.
- k) No buffer zone has been left by MC Jalandhar around the dump site.
- l) The piezometers earlier provided for ground water monitoring are buried under the waste and as such sampling of ground water cannot be done. Further, the ground water sampling from piezometers provided near entrance and inside the dump site was earlier carried out by the Board in October 2020 and samples were got analysed from PBTI Lab.
- m) As per analysis report, various parameters were found beyond the prescribed limits as tabulated below:

Sr.No	Parameters	Piezometer inside site	Piezometer at entrance	Maximum permissible limits as per SWM Rules 2016
1.	pH	2.13	6.38	6.5-8.30
2.	TDS	3248	5407	500
3.	Chloride	1499	1750	250
4.	Copper	0.02	0.14	0.05
5.	Iron	0.43	2.6	0.3

6.	Nitrate	7.6	260	45
7.	Phenolic compound	BDL	0.02	0.001
8.	Sulphate	875	1750	200
9.	Hardness	10	190	300
10.	Zinc	0.14	0.10	5
11.	Lead	0.16	0.05	0.05
12.	Chromium	BDL	0.21	0.05
13.	Nickel	BDL	0.05	-

- n) No arrangement of leachate treatment has been provided and the leachate is partially discharged into sewer and is partially stagnated at site.
- o) No onsite or offsite emergency plan has been prepared.
- p) No permanent arrangement for dousing of fires has been provided.
- q) There are about 40-50 houses established right next to the dump site which are prone to damage in case of large-scale fires.
- r) No arrangement is provided for detection of methane gas formation at site.
- s) NO CCTV Cameras have been provided at the site.
- t) The photographs of the dump site as well as other parts of the city are attached herewith as **Annexure-A2**.

5.0 Directions issued by the Deputy Commissioner, Jalandhar

After the performance of visits and consideration of the matter, the Deputy Commissioner, Jalandhar directed the officials of Municipal Corporation, Jalandhar as under:

- i) Municipal Corporation, Jalandhar to remove the entire solid waste from chowk site and carry out remediation using lime etc.
- ii) Municipal Corporation, Jalandhar to ensure that no waste is dumped at Chowk site in future and to appoint officials to carry out regular monitoring at site.
- iii) Municipal Corporation, Jalandhar to provide CCTV Cameras at site to identify violators dumping waste at the site and to take punitive action

which may include challaning and imposition of fine and initiation of action as per Municipal laws.

- iv) Municipal Corporation, Jalandhar to take up matter with National Highway Authority of India (NHAI) for fencing/plantation of the site and to explore possibility of development of public parks at the site.
- v) Municipal Corporation, Jalandhar to take all necessary measures for compliance of Solid Waste Management Rules 2016 including remediation of legacy waste and adoption of best practices for Solid Waste Management.

6.0 Action taken by Municipal Corporation, Jalandhar for removal of garbage at Choughiti bypass, Jalandhar and overall garbage of Jalandhar City.

The Municipal Corporation, Jalandhar has taken action for removal of garbage at Choughiti bypass, Jalandhar and overall garbage of Jalandhar City.

6.1 Removal of garbage at Choughiti bypass, Jalandhar

The Municipal Corporation, Jalandhar has implemented the following actions at site for removal of garbage at Choughiti Bypass, Jalandhar:

- i) Nearly 1500 Ton Garbage has been removed.
- ii) Dedicated Machinery to remove any garbage that is being dumped at the site.
- iii) Dedicated team comprising 1 Police Personnel, 1 Sanitary Inspector and 1 Sanitary Supervisor has been formed to monitor the site 24X7 in three shifts daily.
- iv) Board installed at the site displaying "Dumping of Any Kind of Waste is Criminal Offence. Those who found doing so will be prosecuted accordingly".
- v) Nearly 50 butcher shops in Rama Mandi who were throwing their waste at Choughiti have been restricted and alternate arrangements as per Solid Waste Management Rules 2016 are being explored.

- vi) The informal ragpickers who are throwing garbage at the site have been identified and are being facilitated to transport the waste to MRF/composting unit.

6.2 Action taken by Municipal Corporation, Jalandhar for overall garbage of Jalandhar city:

Following actions have been taken by Municipal Corporation, Jalandhar for overall removal of garbage of Jalandhar city:

- a) Approx. 43.00 Cr has been transferred from Jalandhar smart city to MCJ for solid waste management.
- b) D.P.R of worth Rs 23.00 Cr for transportation machinery has been approved and the procurement is under tender process.
- c) DPR for Machinery for door-to-door collection, worth Rs 20.00 Cr is being prepared.
- d) With respect to secondary collection points (SCP's), the timing of lifting has been fixed by 11.00 am.
- e) A survey of the requirements regarding the repair of four walls, floor and roof has been done.
- f) Important SCPs like Choughiti and Garbage Vulnerable Points (GVP) will be monitored through CCTV cameras.
- g) Additional machinery of 40 tractor trolleys and 6 tippers have been hired to clear SCP's and GVP's.
- h) Proper Monitoring by the team of police, sanitary inspectors and supervisors at important places such as Choughiti.
- i) Approximately 97 challans have been issued for littering and throwing garbage in the public areas.

j) Micro-Targeting:

- a) Identification of Bulk Waste Generator (BWG's), issuing them notices and verification process has been started. 18 BWG's found not complying with Solid Waste Management Rules 2016 have been challaned.

- b) Coordinating with BWG's to either process their waste on their own or through the agencies empaneled by Municipal Corporation, Jalandhar.
- c) Shops and commercial establishments are being monitored. Those who are throwing their waste in public places are being challaned. For example, nearly 50 butcher shops in Rama Mandi who were throwing their waste at Choughiti have been restrained and alternate arrangements as per SWM Rules 2016 are being explored.

7.0 The compliance submitted by the Municipal Corporation, Jalandhar to the office of Deputy Commissioner, Jalandhar on 19.10.2023 is attached herewith as **Annexure-A3** for kind perusal of the Hon'ble National Green Tribunal.

8.0 Factual position of the dump site

The statement of Municipal Corporation, Jalandhar with regard to waste generation, waste processed and legacy waste existing and remediated at the site is summarized and reproduced herein below:

- a) The solid waste dump site of Jalandhar city is located at Wariana, which is about 30 years old and falls within the limits of Municipal Corporation Jalandhar.
- b) The total area of dump site is about 16.25 acres, in which originally about 8.00 lakh MT of legacy waste as the survey got conducted by Municipal Corporation, Jalandhar in the year 2021 was there in form of heaps of 30 meters height.
- c) The work of bio-remediation of legacy waste at the dump site has not been awarded.

9.0 Action taken by the Punjab Pollution Control Board against Municipal Corporation, Jalandhar for non- compliance of SWM Rules 2016

During the meetings of the Joint Committee, the officers of the Punjab Pollution Control Board who is also a member of the Joint Committee apprised the members that the Hon'ble National Green Tribunal in the matter of O.A No. 606 of

2018 In re: Compliance of Compliance of Municipal Solid Waste Management Rules, 2016 vide order dated 10.1.2020, had directed that continued failure of compliance of Solid Waste Management Rules, 2016 after 31.3.2020 will result in liability of every Local Body to pay compensation at the rate of Rs.10.0 lakh per month per Local Body for population of above 10.0 lakhs, Rs. 5.0 lakh per month per Local Body for population between 5.0 Lakhs and 10.0 Lakhs and Rs. 1.0 Lakh per month per other Local Body from 1.4.2020 till compliance is made.

Considering the total population of Jalandhar City @8,62,886 as per census of 2011, environmental compensation @ 5.0 lacs per month was calculated towards non-compliance of Solid Waste Management Rules, 2016. Accordingly, in compliance to the orders dated 10.1.2020 of the Hon'ble NGT passed in O.A No. 606 of 2018, environmental compensation amounting to Rs.2.0 Crore was imposed upon Municipal Corporation, Jalandhar by the Punjab Pollution Control Board as **Calculated for non-compliance of Sr. no. 1 to 10 of Rules 22 of SWM Rules 2016 & Sr.No. 11 to Rule 22** with effect from 01.07.2020 till 28.02.2022 through the Department of Local Government, Punjab. The Department of Local Government through Punjab Municipal Infrastructure Development Company (PMIDC) had deposited the environmental compensation amounting to Rs. 90.0 lacs on 31.12.2022 with the office of the Punjab Pollution Control Board and the balance amount of Environmental Compensation of Rs. 1.10 Crore is yet to be deposited by the Department of Local Government, Punjab.

10.0 Recommendations of the Joint Committee:

Measures to be taken by Municipal Corporation, Jalandhar

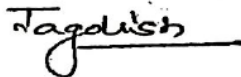
Considering the prevalence of the conditions existing at the dump site and after taking into account all the relevant facts and circumstances of the case including the suggestions made by the applicant Sh. Ramesh Mehendru, the Joint Committee hereby recommends the following measures to be taken by Municipal Corporation, Jalandhar in a time bound manner for the prevention of fires at the dump site and the management of solid waste:

- A. Municipal Corporation, Jalandhar shall conduct comprehensive risk assessment studies and accordingly prepare detailed On-site Emergency Plan for its dump site addressing the following issues:
- i) To cover potential risks / emergencies due to fire, obnoxious / flammable emissions, odour, vector borne diseases rodents, bird nuisance, seasonal affects i.e. summer / winter / monsoon (rainy season) and all other potential risks at the dumpsites.
 - ii) To address the worst possible case scenarios preferably using appropriate risk assessment software's covering any or all of the potential emergency issues / scenarios cited above
 - iii) To cover likely affected geographical area including population, flora & fauna in and around the dumpsites.
 - iv) To contain detailed remedial measures both hardware and software based for mitigating various emergency situations, which should finally be available with respective control rooms and on-site emergency notice boards.
- B) Municipal Corporation, Jalandhar shall provide a permanent water hydrant system, which can be used to douse the accidental fire at any time in the year.
- C) Municipal Corporation, Jalandhar shall implement following interim measures till the time onsite / off-site emergency plans are prepared:
- i) Fresh waste not to be disposed at the dump site where bio remediation is being undertaken.
 - ii) Methane gas detectors (on the down side) to be installed at the site so that area with high methane concentration can be identified and preventive actions be undertaken.
 - iii) Arrangement of fire extinguishers to be made especially in the summer seasons.
- D) Municipal Corporation, Jalandhar shall install CCTV cameras at its dump site, provide weigh bridge for proper measurement of waste received at the dump site.

- E) Municipal Corporation, Jalandhar shall install a permanent gate with one security personnel at the main entrance to avoid any unauthorized access to the solid waste site.
- F) Municipal Corporation, Jalandhar shall provide fencing all around the dump site to avoid littering of any waste in any water body.
- G) Municipal Corporation, Jalandhar shall develop the plantation area / green belt around the dump site.
- H) Municipal Corporation, Jalandhar shall provide piezometers on four different locations in order to check the contamination of ground water.
- I) The local administration shall notify the buffer zone to restrict/prohibit the urban growth (residential and commercial) near such dump site.

11.0 Submission of report

The Joint Committee report is hereby submitted in compliance to order dated 04.08.2023 of the Hon'ble National Green Tribunal passed an O.A No. 479 of 2023 for kind consideration and appropriate orders.



Scientist 'D'
Central Pollution Control Board
Regional Director, Chandigarh



Environmental Engineer,
Punjab Pollution Control Board
Regional Office-1, Jalandhar



District Magistrate,
Jalandhar

Annexure-A-1

**Photographs taken during visit made by the Joint
Committee on 16.08.2023 at Chaughiti Bye Pass,
Jalandhar**





Legacy waste stored at dump site located at Wariana, Kapurthala Road, Jalandhar



Unsegregated waste received at dump site located at Wariana, Kapurthala Road, Jalandhar.



Solid waste was found dumped along the bank of Kala Sanghian drain.



Solid waste dumped at various locations of Jalandhar City.



Solid waste dumped at various locations of Jalandhar City.



Solid waste dumped at various locations of Jalandhar City.



Solid waste dumped at various locations of Jalandhar City.

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Municipal Corporation, Jalandhar

Annexure - A-3

From

Commissioner,

Municipal Corporation Jalandhar

To

Additional Deputy Commissioner (Rural),

Jalandhar.

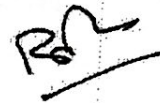
Letter No:- PA/2023/367

Dated:- 19-10-2023

Subject:- Minutes of meeting w.r.t Original Application no 479/2023 titled as Ramesh Mahendru (Applicant) Vs State of Punjab under the Chairmanship of Worthy Deputy Commissioner, Jalandhar on 16.08.2023 at DC Office, Jalandhar.

Ref:- Letter No 3181 dated 19.09.2023.

In reference to the above, the information sought is provided in the Annexure Attached here with. Please find the attached documents.



Commissioner
Municipal Corporation, Jalandhar.

Enclosed

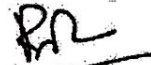
1. MSW status Report
2. Legacy Waste Status Report

Endst No:- PA/2023/368-70

Dated:- 19-10-2023

A copy of the above is forwarded to the following:-

1. Worthy Deputy Commissioner, Jalandhar for the information Please
2. The Regional Director, Central Pollution Control Board, BSNL Telephone Exchange, 2nd Floor, sector 49-c, Chandigarh 160047 for information.
3. Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Jalandhar for information.



Commissioner
Municipal Corporation, Jalandhar.

Status report for MSW

Name of City: Jalandhar

1.	Population	862675 as per census 2011
2.	Solid waste generation (MT/d)	500 MTD
3.	Solid waste Collection (MT/d)	500MTD
4.	Gap	NIL
5.	Reason for gap	N/A
6.	MSW Facility exist	NO
7.	Name of facility	N/A
8.	Location	N/A
9.	Operated by	N/A
10.	Contact person	N/A
11.	Contact detail	N/A
12.	Period of commencement	N/A
13.	Number of employees	N/A
A	Managerial	N/A
B	Operations / Support staff	N/A
14.	Processing Capacity (MT/d)	N/A
15.	Capacity utilization (Actual Qty of waste received, MT/d)	N/A
16.	Area of the Project Site (Enclose copy of facility lay-out)	N/A

17.	Scope of Work		
18	Door to door waste collection	YES	
A	Total number of wards in the city	85	
B	Number of wards catered	85	
19.	Legacy waste exists	Yes approx quantity is 8 lakh MT	
A	Plans for processing legacy waste	Enclosed copy of plan	
20.	Secondary waste collection	YES	
A	Total number of transfer stations (PCTS) established in the city	25	
B	Number of PCTS operational	25	
21.	<u>Transportation of MSW</u>		
A	Exclusively by the facility(MT/d)	N/A	
B	By Municipal Corporation(MT/d)	500MTD (directly plus through outsource machinery)	
C	Number of facility owned by vehicles	NIL	
D	GPS enabled	NO	
E	Number of other vehicles (Municipal Authorities)	N/A	
F	GPS enabled	NO	
22	Gravity/Size screening		
A	No. of trammels	N/A	
B	Nos operational	N/A	
C	No of Ballast separators	NOT AVAILABLE	
D	Nos operational	N/A	

23	<u>Composting</u>	
A	Separate composting platform	NOT AVAILABLE
B	Compost Cycle (period)	NON OPERATIONAL
C	Compost Quality Checked (with reference to FCO)	Yes
D	Compost quality report	Satisfactory
E	Quantity generated	10 MT since pits have been commissioned
F	Quantity Sold/Lifted	Compost has been used in MCJ nursery and parks.
G	Details of Users	MCJ
24.	<u>Resource Derived Fuel(RDF)</u>	
A	Quantity of RDF generated	NO DATA AVAILABLE
B	RDF quantity used/sold	NIL
C	Details of RDF users(if sold)	NIL
25.	<u>Waste to Energy Plant</u>	
A	Plant exists/ Not Exists/Proposed (If proposed, mention expected date of installation)	NOT EXISTS
B	Capacity	N/A
C	Operational Status	N/A

D	Air pollution control measures	N/A	
E	Stack height	N/A	
F	Monitoring platform exists	N/A	
G	Stack Emission monitoring report	Attached copy of latest report	
H	Power purchase agreement	Available/Not Available If Available, dt of signing.....	
I	Cost of Units levied/Paid		
26	Effluent treatment Plant(ETP)		
A	Capacity	NIL	
B	Treatment Technology	NIL	
C	Unit Details	NIL	
D	Status of Operation	NIL	
E	Treated Effluent Characteristics	NIL	
F	Disposal of untreated effluent	NIL	
27	<u>Landfill Facility</u> NOT AVAILABLE		
A	Area/Size	NIL	
B	Liner Details	NIL	
C	Leachate management	NIL	
28.	<u>Status of Consent and Authorization</u>		
A	Consent	NIL	
B	Consent Validity	NIL	

C	Authorization	N/A	
D	Authorization	N/A	
29	Tipping Fee	N/A	
A	Fee Fixation criterion	N/A	
B	Unit Charge (per MT)	N/A	
C	Status of dues if any	N/A	

30. Future Plans

1. approx. 43.00 Cr has been transferred from Jalandhar smart city to MCJ for solid waste management.
2. D.P.R of worth Rs 23.00 Cr for transportation machinery has been approved and the procurement is under tender process.
3. DPR for Machinery for door to door collection, worth Rs 20.00 Cr is being prepared

4. With respect to secondary collection points (SCP's), the timing of lifting has been fixed by 11.00 am
5. A survey of the requirements regarding the repair of four walls, floor and roof has been done.
6. Important SCPs like Chogiti and Garbage Vulnerable Points (GVP) will be monitored through CCTV cameras.
7. Additional machinery 40 tractor trolleys and 6 tippers have been hired to clear SCP's and GVP's.
8. Proper Monitoring by the team of police, sanitary inspectors and supervisors at important places such as Chogiti
9. Approximately 97 challans have been issued for littering and throwing garbage in the public areas.

10. Micro-Targeting:

- A. Identification of Bulk waste generator (BWG's), issuing them notices and verification process has been started. 18 BWG's who have not been complying with Solid Waste Management Rules 2016 have been challaned.
- B. Coordinating with BWG's to either process their waste on their own or through the agencies empaneled by MCJ's
- C. Shops and commercial establishments are being monitored. Those who are throwing their waste in public places are being challaned. For example, nearly 50 butcher shops in Rama Mandi they were throwing their waste at Chogitti . They have been stopped and alternate arrangements as per SWM Rules 2016 are being explored.

11. Monitoring of waste being transported will be monitored through Weighing Scale.
12. Machinery and manpower tender for MRF/ composting plants will be opened on 30.10.2023.
13. 2.5 TPD composting unit pilot has been approved and is under tender process.
14. Ward wise nodal officers have been appointed to closely monitor solid waste management and sanitation related complaints in respective wards. Their daily report will be compiled and monitored daily by Commissioner Corporation.
15. Two road sweeping machines are available. These will be monitored through GPS and dedicated sanitary inspector. Night sweeping is also been planned.
16. 100 TPD wet waste to bio-CNG plant is also being set up by EIL in Jalandhar
17. 240 TPD Cow dung plus wet waste to compressed bio-gas plant is also being set up.
18. 10 TPD wet waste and 35TPD dry waste processing plant at Pholriwal-DPR submitted for approval. It comprises drum composting and making tiles from multi-layer plastic.
19. Another Mechanical composting and MRF unit is being planned at Dhakoa.

Challenges:

1. Door to Door collection is being done by informal ragpickers since atleast 20 years. It has been planned to integrate them as per SWM Rules 2016.
2. Old and outdated machinery.
3. Shortage of Manpower and skilled labour for example at composting and MRF sites.

Specific Action Related to Chogitti by pass Point

1. Nearly 1500 Ton Garbage has been removed.
2. Dedicated Machinery to remove any garbage that is being dumped at the site
3. Dedicated team comprising 1 police personnel, 1 Sanitary Inspector and 1 sanitary Supervisor has been formed to monitor the site 24X7 in three shifts daily.
4. Board displaying "Dumping of Any Kind of Waste is Criminal Offence. Those who found doing so will be prosecuted accordingly".
5. Nearly 50 butcher shops in Rama Mandi they were throwing their waste at Chogitti . They have been stopped and alternate arrangements as per SWM Rules 2016 are being explored.
6. The informal ragpickers who are throwing garbage here at the site have been identified and are being facilitated to transport the waste to MRF/composting unit.

Legacy Waste Status Report**30**

Name of Dumpsite

Waryana Dumpsite, Kapurthala Road, Jalandhar

Co-ordinates of Dumpsite

Lat: 31°20'55.58"N, Long: 75°31'53.62"E

Distance from the town

Within 10 km

Area of dumpsite:

16.2 Acres (though it is mapped over 15m from drone survey)

Height of Dump

Over 8mtrs

Start date of dumpsite

Approximately 50 years ago (exact date unknown)

Category Uncontrolled

solid waste disposal facility

Incoming waste quantity

420MT/ Day (As per collection efficiency of ULB)

Accumulated waste quantity

593598m³ as per Drone Survey Report in year 2019

Utilities at site

Electricity facility is available.

Weighbridge available at

No

dumpsite

Access road

Available

Leachate management system

Absent

Important Point

The work of Bio-Mining to process the legacy waste had already being awarded to a contractor who had defaulted therefore after imposing penalties previous contract was terminated in Mar 2023.

A fresh tender was called and technical bids were open on 09.06.2023, which have been pending at head office level.

Once the work is allotted as per rules, it is expected that the legacy waste will be processed within two years.