BRIHAN MUMBAI MUNICIPAL CORPORATION

Chief Engineer (Solid Waste Management) Project

Ch.Eng./2728/SWM/Project/dt. 21.10.2026

Office of Ch.E.(SWM)Project
Municipal Primary School Building,
Bai Padmabai Thakkar Marg,
Kotwadi, Mahim (Shivaji Park),
Mumbai – 400016.

To,
The Member Secretary,
Maharashtra Pollution Control Board,
Kalpataru Point, 2nd, 3rd, & 4th floor,
Opp. Cine Planet,
Near Sion Circle,
Sion (East),
Mumbai - 400 022.

Sub : Submission of Environmental Statement Form V for the Financial Year ending with 31st March 2026 in respect of the stipulated prior Environment Clearance terms and conditions in the revised Environment Clearances (E.C) accorded for the modernization of MSW processing and disposal facility of capacity 4000 TPD-7500TPD at Kanjur, Mumbai.

Ref :
1. Revised Environmental Clearance issued by State Level Environmental Impact Assessment Authority (SEIAA) vide no. SEAC-2014/CR-162/TC2 dtd. 05.12.2014.
2. Environment Clearance issued by State Level Environment Impact Assessment Authority (SEIAA) vide no. SEIAA-EC-0000000475, dtd. 29.10.2018.
3. Letter received from M/s. Antony Lara Enviro Solutions Pvt. Ltd. U/No. ALESPL/KS/BMC/081/26-27, dt.27.08.2026.

This has reference to the conditions of revised environmental clearance issued for proposed modernization of MSW processing and disposal facility of capacity 4000 TPD-7500 TPD at Kanjur, Mumbai.

In this context, operator of the Kanjur facility M/s. Antony Lars Enviro Solutions Pvt. Ltd. has submitted the hard copy of environmental Statement Form V for the financial year ending with 31st March 2026 to BMC vide ref. no. 3 above. After checking, BMC is hereby submitting the hard copy of environmental Statement Form V for the financial year ending with 31st March 2026 in respect of the stipulated prior environment clearance terms and conditions in the revised environment clearance (E.C) accorded for the modernization of MSW and disposal facility of capacity 4000 tPD-7500 TPD at Kanjur, Mumbai.

Submitted please.

Yours faithfully

21/10/26

Chief. Engineer (SWM) Project

23/10/26

Maharashtra Pollution Control Board
Kalpataru - Int, 2nd Floor, Sion Circle
Opp. Cine Planet, Sion (East),
Mumbai - 400 022.
Tel. 24010437 / 24020781.
Website : www.mpcb.gov.in

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending with 31" March 2026

PART-A

i. Name and address of the owner/ occupier of the industry operationor process.	**Municipal Corporation of Greater Mumbai** Integrated Solid Waste Management Site, Off Eastern Express Highway, Near Kannamwar Nagar,Kanjur (E), Mumbai - 400042. Operator- M/s. Antony Lara Enviro Solutions Pvt. Ltd.
ii. Industry category	Primary- (STC Code) Secondary- (STC Code) -NA
iii. Production Capacity	Municipal Solid waste Processing 7500 MT/D Bio Reactor Plant -6500 MT/D & Windrows Composting Plant-1000 MT/D
iv. Year of establishment -	2009
v. Date of the last environmental statement submitted. -	**29 -09-2025 for the year 2024-2025.**

PART —B

Water **and River Material Consumption**

I. Water consumption in M^3/day

Process: 30 M^3/day

Cooling: NIL

Domestic: 7 0 M^3/day

i) Name of Products	Process Water Consumption Per Unit of Products	
	During the Financial Year **April 2024- March** 2025	During the **Current Financial Year** April 2025- March 2026
1.City Compost	0.86 M^3/Ton	0.86 M^3/Ton

1.Substituted by Rule 2 (b) of the Environment (Protection) Amendment Rules, 1993 notified vide G.S.R 3'6(E) dated 22.04.1993.

ii. Raw material consumption

Name of Raw materials*	Name of Products	**Consumption of Raw material per unit of output**	
		During the Financial Year **April 2024-March 2025**	**During the Current Financial Year April 2025-March 2026**
Municipal Solid Waste(un-segregated) Fresh	City Compost	18.99 Ton/Ton of city	26.32 Ton /Ton of city compost
Municipal Solid Waste (un-segregated) from Biodegradably Stabilized BLF-Cells	City Compost	NA	NA
Municipal Solid Waste (un-segregated) from active BLF Cells	Landfill gases	1.75 Ton / M^3 of gas generated.	2.73 Ton / M^3 of gas generated.
Municipal Solid Waste (un-segregated) from active BLF Cells	Electricity	1.35 Ton /unit of electricity	1.52 Ton /unit of electricity.

* Industry may use codes if disclosing details of raw material would violate contractual obligations otherwise all industries have to name the raw materials used.

PART-C

Pollutants Discharged to environment/unit of output (Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants Discharged (mass/day)	Concentration of Pollutants Discharged (mass/volume)	Percentage of Variation from Prescribed Standards with Reasons.
(a) Water	Nil	Nil	Nil
(b) Air	Nil	Nil	Nil

As per MoEF & NABL accredited Laboratory reports, all the parameters analyzed are within prescribed limits.

PART-D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the Previous Financial Year April 2024-March 2025	During the Current Financial Year April 2025–March 2026
1. From Process	Not applicable	Not applicable
2.From Pollution Control Facilities	Not applicable	Not applicable

PART — E

Solid Waste

		Total Quantity (Kg/Ton)	
		During the previous financial year April 2024-March 2025	During the current financial year April 2025-March 2026
a. From process		Nil	Nil
b. From Pollution Control Facility (Sludge from LTP)		26.06 Ton	27.225 Ton
c. (1) Quantity recycled or re-utilized within the unit.		26.06 Ton	27.225 Ton
(2) Sold	Plastic Bags	1121.610 Ton	794.680 Ton
	Pet-bottles	299.520 Ton	374.170 Ton
	Mixed Plastic	180.540 Ton	440.490 Ton
	Non-ferrous -Glass	73.890 Ton	139.860 Ton
	Metal	206.870 Ton	238.322 Ton
	E-waste	1.260 Ton	Nil
	Others	125.738 Ton	99.460 Ton
	RDF	153479.770 Ton	140099.07 Ton
(3) Disposed Land filled material* (In Sanitary Land Fill)		201905.30 Ton	152597.29 Ton

*ISWM Facility at Kanjur is processing MSW received from Municipal Corporation of Greater Mumbai and only processing of the received Municipal Solid Waste is done.

PART — F

Please specify the characteristics (in terms of concentration and quantum) of hazardous solid waste as well as Solid waste and indicate dipsosal practican adopted for both these categories of wastes.

Hazardous waste is not received at this Integrated Solid Waste Management Site at Kanjur, Mumbai.

Metal, Plastic, Glass, RDF, Coconut shell, Paper scrape, Chappal, Sponge, Thermocol, Tires, Wood Chips etc. are recycled through vendors.

Inerts generated after Bio-mining are used in BLF Cells as cover. Sludge generated is diverted to BLF cells for enrichment of Microbes.

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

Conservation of natural resources-

Due to the scientific design of bioreactor landfill with the arrangement of impervious lining at the bottom along with leachate collection arrangement has protected the ground water from contamination.

Due to Scientific land filling, the emission of greenhouse gases admeasuring 1745.026 Tons/Year Methane i.e., 43625.655 equivalent CO_2 Ton /year is controlled. Also, part of landfill gas is converted into electricity which is used as captive power thus natural conventional fuels are saved.

The use of culture-based bio-enzyme for spraying during unloading and spreading MSW at landfill site before compacting and blanketing with soil cover, the generation of smell nuisance is controlled and enhances Biodegradation.

The arrangement of Mist spraying, at MSW unloading area, leachate treatment plant, Material Recovery Facility, Compost section and arrangement of fogging systems across the project area by using diluted solutions help in minimizing odor nuisance from VOC/ Mercaptans /H_2S etc.

The arrangement of PVC and Geotextile curtains at MRF and Geotextile curtains at compost divisions which are kept wet intermittently help in reduction of dust and odor.

Spreading of soil cover blanket on inactive area of MSW and adoption of advance technology for applying alternate cover on active BLF cell helps in controlling odor and enhances biological activity due to the controlled temperature inside Bio-reactor Land Fill Cell.

The treated leachate, complying with the land disposal standards are used for dust suppression and watering plants thus natural water resources are saved.

The leachate is collected in 2 Nos. of impervious ponds. Leachate is recirculated in BLF Cells to keep the MSW in BLF wet which helps to increase the microbial activities in BLF cells to generate more Methane which subsequently is converted in electric power thus helps in conservation of natural water, fossil fuel and economy. The Leachate Treatment Plant installed on ISWM Project site- Kanjur is fully working. This helps in conservation/ protection of surface water and ground water in surrounding areas. Use of technology for avoiding denitrification process by using special bio-culture has reduced chemical consumptions.

The segregation into Recyclables, RDF and composting of Organic rich MSW at the compost plant help improving economy of the project and the composted material obtained is used by vendors in soil improvement thus natural resources are conserved.

During the year 420 new numbers of plants were planted and the regular maintenance of about 12516 numbers of peripheral plants along the boundary wall of the project in two rows has helped in arresting the smell spreading during the winter season.

Impact of abatement measures on cost is as shown below:

Sr. No.	Particular	Total Rs. in Lakh
1	Bio-enzyme	44.33
2	Misting	269.05
3	LTP	25.98
4	Captive Power generation	73.62
5	Expenditure on environmental monitoring & analysis for checking compliance	539.91
6	Dust suppression	18.43
7	Plantation	6.60
8	Website Maintenance for information to Public	1.50
	Total	**979.42**

PART — H

Additional measures/investment proposal for environment protection including abatement of pollution.

Sr. No.	Particulars	Total Rs. In Lakh
1	Plantation	60.00
2	Pollution measuring meter	5.00
3	Fogging Cannon system	105.00
4	Reference grade pollution measuring monitors	300.00
5	Upgradation of Leachate treatment Plant	40.00
6	CTO fees	6.00
	Total	516.00

PART - I

Miscellaneous:

Any other particulars in respect of environmental protection and abatement of pollution.

Recycle of carbon from stabilized composted solid waste into soil will help in improving quality of soil.

For Antony Lara Enviro Solutions Pvt. Ltd.

Srinivasan Chari
DGM Operations