

Form – III

[see rule 19 (6), 24 (1)]

Format of annual report to be submitted by the operator of facility to the local body

1.	Name of the City/Town and State	Bilaspur
2.	Population	4.7 Lakhs
3.	Area in sq. kilometers	3508.48
4.	Name & Address of the local body Telephone No.: Fax No.: E-mail:	Municipal Corporation Bilaspur
5.	Name and address of operator of the facility	Delhi Msw Solutions Ltd. Survey no. 1359, Delhi Msw Solutions Limited, Village – Kachaar, Amtara Road, Sendri, Bilaspur (C.G) - 495009
6.	Name of officer in-charge of the facility Phone No.: Fax No.: E-mail:	Bhaskar Dubey 6232000749 bhaskar.dubey@resustainability.com
7.	Number of households in the city/town, Number of non-residential premises in the city Number of election/administrative wards in the city/town	45 wards
8.	Quantity of Solid waste	
	Estimated of solid waste generated in the local body area per day in metric tones	185/TPD
	Quantity of solid waste collected per day	185/TPD
	Per capita waste collected per day	380/gm./day
	Quantity of solid waste processed	185/TPD
	Quantity of solid waste disposed at landfill	37/TPD
9.	Status of Solid Waste Management (SWM) service	
	Segregation and storage of waste at source Whether solid waste is stored at source in domestic/commercial/institutional bins If yes, Percentage of households practice storage of waste at	Yes %



source in domestic bins					
Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins				%	
Percentage of households dispose of throw solid waste on the streets				%	
Percentage of non-residential premises dispose of throw solid waste on the streets				Yes/No	
Whether solid waste is stored at source in a segregated form				%	
If yes, Percentage of premises segregating the waste at source					
Door to Door Collection of solid waste					
Whether door to door collection (D2D) of solid waste is being done in the city/town				Yes	
If yes					
Number of wards covered in D2D collection of waste				45	
No. of households covered					
No. of non-residential premises including commercial establishments, hotels, restaurants educational institutions/offices etc covered					
Percentage of residential and non-residential premises covered in door to door collected through:					
Motorized vehicle				100%	
Containerized tricycle/handcart				0%	
Other device				0%	
If not, method of primary collection adopted					
Sweeping of streets					
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned				Km	
Frequency of street sweepings and percentage of	Frequency	Daily	Alternate days	Twice a	Occasionally

	population covered				week	
	% of population covered					
	Tools used	%				
	Manual sweeping	%				
	Mechanical sweeping	Yes/No				
	Whether long handle broom used by sanitation workers	Yes/No				
	Whether each sanitation worker is given handcart/tricycle for collection of waste	Yes/No				
	Whether handcart/tricycle is containerized	Yes/No				
	Whether the collection tool synchronizes with collection/waste storage containers utilized					
	Secondary Waste Storage facilities					
	No. and type of waste storage depots in the city/town	No. Capacity in m ³				
	Open waste storage sites					
	Masonry bins					
	Cement concrete cylinder bins					
	Dhalao/covered rooms/space					
	Covered metal/plastic containers					
	Up to 1.1 m ³ bins	300 nos.				
	2 to 5 m ³ bins					
	Above 5m ³ containers					
	Bin-less city					
	Bin/population ratio					
	Ward wise details of waste storage depots (attach):					
	Ward No:					
	Area:					
	Population:					
	No. of bins placed					
	Total volume of bins placed					

	Total storage capacity of waste storage facilities in cubic meters		
	Total waste actually stored at the waste storage depots daily		
	Give frequency of collection of waste from the depots Number of bins cleared	Frequency	No. of bins
		Daily	
		Alternate day	
		Twice a week	
		Once a week	
		Occasionally	
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins	Yes/No (if yes, add details) No. of green bins: No. of blue bins: No. of black bins:	
	Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage	(5) of Manual Lifting of SOLID WASTE	%
		(%) of Mechanical lifting	%
	If mechanical – specify the method used	Front-end loaders/Top loaders	
	Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes (if yes, specify)	
	Waste Transportation per day Type and Number of vehicles used (pl tick or add)	No. Trips made Waste Transported- 185	

Tipping Truck	2
Compactors	8
Others	65
JCB/loader	1
Frequency of transportation of waste	Frequency (%) of waste transported Daily – 100% Alternate day Twice a week Once a week Occasionally
Quantity of waste transported each day	185/TPD
Percentage of total waste transported daily	100%
Waste Treatment Technologies used	Size Separation and Aerobic Composting Method Using Trommels and Aeration Bay Respectively.
Whether solid waste is processed	Yes
If yes, Quantity of waste processed daily	185/TPD
Land(s) available with the local body for waste processing (in Hectares)	10.117
Land currently utilized for waste processing	25 Acre
Solid waste processing facilities in operation	Yes
Solid waste processing facilities under construction	No
Distance of processing facilities from city/town boundary	12 KM
Details of technologies adopted	Aerobic Composting by Trommels, Aeration Bays etc.
Composting	Qty. raw material processed 185 TPD Qty. final product produced 10 TPD Qty. sold- 900 Tons Qty. Of residual waste landfilled – 37 TPD
Vermin composting	Qty. raw material processed Qty. final product produced

		Qty. sold Quantity of residual waste landfilled
	Bio-methanation	Qty. raw material processedQty. final product producedQty. sold Quantity of residual waste landfilled
	Refuse Derived Fuel	Qty. raw material processed-185 TPD Qty. final product produced- 60 TPD Qty. sold- 100% Quantity of residual waste landfilled - 0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (givedetails)	Qty. raw material processedQty. final product producedQty. sold Quantity of residual waste landfilled
	Co-processing	Qty. raw material processed
	Combustible waste supplied to cement plant	Yes
	Combustible waste supplied to solid waste based power plants	No
	Others	
	Solid waste disposal facilities	
	No. of dumpsites sites available with the local body	
	No. of sanitary landfill sites available with the local body	1 SLF of 9.8 acre situated at Kachaar site
	Area of each such sites available for waste disposal	25 acre
	Area of land currently used for waste disposal	25 acre
	Distance of dumpsite/landfill facility from city/town	12Kms
	Distance from the nearest habitation	1Kms
	Distance from waste body	1Kms
	Distance from state/national highway	1Kms
	Distance from Airport	20.4Kms
	Distance from important religious places or historical	13Kms

	monument	
	Whether it falls in flood prone area	No
	Whether it falls in earthquake fault line area	No
	Quantity of waste landfilled each day	37 TPD
	Whether landfill site is fenced	Yes
	Whether Lighting facility is available on site	Yes
	Whether Weigh bridge facility available	Yes
	Vehicles and equipments used at landfill (specify)	Tippers, Backhoe loader, Excavators etc. available
	Manpower deployed at landfill site	Yes(if yes, attach details)
	Whether covering is done on daily basis	Yes
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	Soil Cover
	Whether adequate covering material is available	Yes
	Provisions for gas venting provided	No, (if yes, attach technical data sheet)
	Provision for leachate collection	Yes, (if yes, attach technical data sheet)
10.	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes (if yes, attach Action Plan details)
11.	What separate provisions are made for: Dairy related activities: Slaughter houses waste: C & D waste (construction debris):	Attach details on Proposals, Steps taken, Yes/No Yes/No
12.	Details of Post Closure Plan	Attach Plan
13.	How many slums are identified and whether these are provided with Solid Waste Management facilities:	Yes (if Yes, attach details)
14.	Give details of manpower deployed for collection including, secondary storage, transportation, processing and disposal of waste	300

15.	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	
16.	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	

Date: 26/06/2023

Place: Bilaspur, Chhattisgarh


Signature of Operator