

Nagar Nigam Bikaner

Solid waste management Action Plan as Per NGT case 606/2018

S.NO	Action Point	Proposed Action	Actionable Points	Action taken by ULB	Time Line
	Door to Door Collection	Door to door collection of segregated solid waste from all households including slums and informal settlements, commercial, institutional and other nonresidential premises. Transportation in covered vehicles to processing or disposal facilities	No of HH's:- No of Wards:- No of Wards Covered with D2D:- No of Vehicles for D2D:- No of Vehicles Covered:-	Door to door collection is being done in all 60 wards of Bikaner city by 60 Auto tippers. All transportation vehicles are being covered with tripal. No. of HH's- 149039 No. of Wards- 60 No. of wards covered with D2D- 60 No. of Vehicles for D2D- 60 No. of Vehicles Covered-60.	June 19
2	Source Segregation	Segregation of waste by households into Biodegradable, non-biodegradable, domestic hazardous.	No of Wards Fully Covered with Source Segregation:- No of Wards partially(>50%) Covered with Source Segregation:- No of Wards Not Covered with Source Segregation:-	Compartmentalization for wet and dry waste in auto tipper has been done in all 60 auto tippers. Partially segregated wet and dry waste is being handed over by the household. For public awareness IEC activities like school awareness programme, nukkar natak and ward sabha has been done. Training given to auto tipper drivers and helpers about source segregation. No. of wards fully covered with source segregation- 50, No. of wards partially covered with source segregation- 60, No. of wards not covered with source segregation-10	September 19
3	Litter Bins & Waste Storage Bins	Installation of Twin-bin/ segregated litter bins in commercial & public areas at every 50-100 meters. Installation of Waste storage bins in strategic locations across the city, as per requirement (Unless Binless) Elimination of Garbage Vulnerable Points.	No. of Twin bin installed in commercial and Public Area:- No of Garbage Vulnerable Points Existing:- No. of Garbage Vulnerable Points Eliminated:- Damage to be replaced	120 twin bins are installed in commercial and public area. 200 waste storage bins are located at different places of the city. 15 Garbage vulnerable points are removed. No. of twin bins installed in commercial and public area-120, No. of Garbage Vulnerable Points Existing- 05, No. of Garbage Vulnerable Points Eliminated- 15	June 19
4	Transfer Station	Installation of Transfer Stations instead of secondary storage bins in cities with population above 5 lakhs.	Transfer Station Location: - (Latitude and Longitude) Distance of transfer station from processing Plant:-	15 Transfer station are set up in Bikaner city. Latitude- 28.0229, Longitude- 73.3116 Distance of transfer station from processing plant- Approx. 06 to 9 Kms	Dec 19
5	Separate Transportation	Compartmentalization of vehicles for the collection of different fractions of waste. Use of GPS in collection and transportation vehicles to be made mandatory at least in cities with population above 5 lakh along with the publication of route map.	No. of vehicles with compartmentalized:- Amount of Total Solid waste collected (TPD) :- Amount of Dry waste collected (TPD) :- Amount of Wet Waste collected (TPD) :-	Compartmentalization of auto tippers has been done in auto tippers. No. of vehicles with compartmentalized- 60, Amount of Solid Waste- 335 TPD, Amount of Dry waste collected- 200TPD, Amount of Wet waste collected- 100 TPD	September 19
6	Public Sweeping	All public and commercial areas to have twice daily sweeping, including night sweeping and residential areas to have daily sweeping	No of Commercial Areas :- No of Commercial Areas having Twice Sweeping:-	Sweeping is being done once in morning shift in residential area and twice in Public & commercial area. No. of Commercial Areas- 15, No. of commercial areas having twice sweeping- 15	June 19
7	Waste Processing Wet Waste, Dry Waste, MRF Facility	Separate space for segregation, storage, decentralised processing of solid waste to be demarcated Establishing systems for home/decentralised and centralized composting Setting up of MRF Facilities.	MRF Facility to be developed in each city Machinery details at MRF Processing Plant Amount of Solid Waste Collected (TPD): Amount of Wet Waste Processed (TPD):- Amount of Dry Waste Processed (TPD):- Amount of Waste untreated (TPD):- No of Composting machine Installed by BWG:- Capacity of Composting machines installed by BWG:-	Waste Collection facility is set up at 15 Location in Bikaner city. Where waste pickers segregate plastic, paper, glass, cardboard, metal etc and sell them to scrap dealer. Agreement / lease deed for design, construction, operation and maintenance of processing plant of solid waste has been done with il/fs company new Delhi. Nagar Nigam issued many notice to firm for started Construction work of plant. But firm not started work. Then finally Nigam issued tender Termination notice to firm date on 20-02-2019. So tender is cancel as per tender documents conditions. New NIT for processing plant is under process. Amount of Solid Waste Collected- 300 TPD, Amount of wet waste processed- 1.5 TPD, Amount of dry waste processed-0 TPD, Amount of waste untreated- 298.5 TPD, No. of Composting machine installed by BWG- 0,	Dec 19
8	Scientific Landfill	Setting up common or regional sanitary landfills by all local bodies for the disposal of permitted waste under the rules Systems for the treatment of legacy waste to be established. (As per land-use plan of town, Public Hearing, Incorporating RPCBs, To take possession immediately to avoid encroachment. Initiate construction work inviting tenders from experienced firms.)	Scientific landfill development action plan:- Action taken report/Plan of Disposal of Legacy Waste :- Dumping to be stopped	Agreement has been done with Nigam firm IL/FS company New Delhi for waste to compost/ RDF plant. But company not started work so Nagar Nigam issued termination notice (20-02-2019) to firm for delay of work. As per termination notice firm not started work before 20-08-2019. So tender is cancel as per tender documents conditions. New NIT for processing plant is under process.	Dec 19

9	C&D Waste	Ensure separate storage, collection and transportation of construction and demolition wastes.	No of Vehicles of C&D waste Collection and transportation:- Amount of C&D Waste Collected (TPD):- Amount of C&D waste Treated/Recycled(TPD):- Amount of C&D waste Dumped (TPD):-	C&D waste collection & transportation is done by tractor trolley.	Dec 19
10	Plastic Waste	Implementation of ban on plastics below <50 microns thickness and single use plastics.	Ban of plastic bags Recycle of plastic bags Use as per PWD BSR Amount of Plastic waste Collected (TPD):- Amount of Plastic Waste recycled (TPD):- Amount of Plastic Waste Dumped Untreated(TPD):-	A team has been constituted for ban and seize of plastic. 20000 Kg Polythene has been seized till date.	September 19
11	Bulk Waste Generators (BWGs)	Bulk waste generators to set up decentralized waste processing facilities as per SWM Rules, 2016.	Survey data of BWG Total No of Bulk Waste Generator in City:- Total Waste Generated by BWG (TPD):- Total Waste Processed by BWG (TPD):- Total Waste Dumped untreated by BWG (TPD):- No of Composting machine Installed by BWG:- Capacity of Composting machines installed by BWG:- Total penalty collected from BWG (Rs)-	Bulk waste generators have been identified. Notice to bulk waste generators has been given for wet waste processing. Rest bulk waste generators are instructed to process their wet waste at their premises by installing Compost Machine/Biomethanation Plant/ by Pit Composting especially focussing on hotels and marriage home. Total No. of Bulk Wsate Generator in City- 193, Total Waste Generated by BWG- 24 TPD (Approx.), Total Waste Processed by BWG- 0 TPD, Total waste dumped untreated by BWG- 24 TPD, No. of Composting Machine installed by BWG- 0, Capacity of Composting Machine installed by BWG- 0 K g each, Total Penalty Collected from BWG- 15350	June 19
12	RDF	Mandatory arrangements have to be made by cement plants to collect and use RDF, from the RDF plants, located within 200 kms.	Total Dry Waste generated in city (TPD) :- Total Dry Waste Processed (TPD) :- Total RDF given to Cement Factory :- RDF shall sent to cement Plant	Agreement has been done with Nigam firm IL/FS company New Delhi for waste to compost/ RDF plant. But company not started work so Nagar Nigam issued termination notice (20-02-2019) to firm for delay of work. As per termination notice firm not started work before 20-08-2019. So tender is cancel as per tender documents conditions. New NIT for processing plant is under process.	Dec 19
13	Preventing solid waste from entering into water bodies	Installation of suitable mechanisms such as screen mesh, grill, nets, etc. in water bodies such as nallahs, drains, to arrest solid waste from entering into water bodies.	Through Door-to-Door Collection, minimal unattained solid waste needs to be stopped from entering in water bodies. No landfill site is near water bodies.	Door to door collection is being done in all 60 wards. Landfill site is not situated near water bodies.	June 19
14	User Fees	Waste Generators paying user fee for solid waste management, as specified in the bye-laws of the local bodies.	Total User fee collected each month:-	Rs. 400000.00 has been collected as user fees.	June 19
15	Penalty provision	Prescribe criteria for levying of spot fine for persons who litters or fails to comply with the provisions of these rules and delegate powers to officers or local bodies to levy spot fines as per the byelaws framed.	Total Penalty Collected:- · From littering · From BWG	Total Penalty collected- Approx 6.2 Lac.	June 19
16	Notification of Bye Laws	Frame bye-laws incorporating the provisions of MSW Rules, 2016 and ensuring timely implementation.	Notification of BYE LAWS in city area	Bylaws incorporating the provision of MSW Rules, 2016 has been issued by Department of Local bodies on 12.04.2019 and is being implemented	June 19
17	Citizen Grievance Redressal	Resolution of complaints on Swachhata App within SLA.	ULB Helpline Number Central Helpline No (18001806127) Swachhta App Sampark Portal	Complaints received through Swachhata App, Control Room/Helpline Number, Sampark Portal and by letters. We tried to resolve all complaints within time.	June 19
18	Monitoring Mechanism	States/ULBs to update month wise target/action plans on the online MIS.	ULBs should upload details on SBM MIS Portal. Provision taken up in Bye-laws for monitoring mechanism.	It is updated on the online SBM MIS portal.	June 19