

**INSPECTION REPORT – SWM RULE-2016**

1.	Name of Municipality	Deesa Nagarpalika
2.	Taluka	Deesa
3.	District	Banaskantha
4.	Name of Chief Officer	Mr Upendrabhai Gadhvi (CO)- 8511159500
5.	Name and designation of person contacted	Mr. Rohan Saini, MIS - 9033625746
6.	Population as per 2011 census	1,11,160
7.	Waste generation per day (Tonnes /day)	@ 45- 50 MT/D of solid waste
8.	House to house collection system Implemented?	Yes
9.	Method of collection of waste from slums and squatter areas or localities including hotels, restaurants, office complexes and commercial areas	17 Nos of chhotta hathi and 3 Nos of Eicher is provided on contract basis for collection and transportation of waste. Dust bins are provided in commercial area.
10.	Method of waste collection from slaughter houses, meat and fish markets, fruit and vegetable markets	There is no slaughter house / fish market in Nagarpalika and other waste being disposed at dumping site.
11.	Has mixing of biomedical wastes and industrial wastes been noticed with MSW?	No
12.	Method of transportation of house hold waste to Community Bin/transportation vehicle	17 Nos of chhotta hathi and 3 Nos of Eicher is provided on contract basis for collection and transportation of waste. Dust bins are provided in commercial area.
13.	Whether horticultural and construction or demolition wastes or debris mixed with MSW or not? If not, what methods are adopted for collection and disposal?	No, C & D waste is used for land filling in low laying area.
14.	Is waste (garbage/dry leaves) being burned? If yes, give location	No
15.	Whether Stray animals are observed near waste storage facilities or not?	No animal is observed at solid waste management site as said site is covered by built wall & fenced.
16.	Does the municipal authority notify the waste collection schedule and the likely method?	Yes, Door to door collection is carried on daily basis.
17.	Have Segregation facilities been developed? If yes, give brief description	Segregation plant (machine) is provided at solid waste dumping site, but it is not in operation. Contacted person informed that segregation activity stopped since last six months.
18.	Storage of municipal solid waste (give size/ capacity of bin/container)	Yes, Door to door collection is carried on daily basis and 100 Lit size dust bin (@ 1000 no's) is provided in commercial area.
19.	Transportation method of MSW (Give numbers of persons engaged, Number of vehicles used, MSW covered while transportation, Are vehicles over loaded? etc.)	17 Nos of chhotta hathi and 3 Nos of Eicher is provided on contract basis for collection and transportation of waste. Dust bins are provided in commercial area. Vehicle is covered during transportation. No over loading observed.
	Processing of municipal solid wastes	
20.	Is biodegradable waste treated by methods of composting/digestion)?	Varmi compost plant (@ 34 no's of compost bed, but during visit, found not in use.



21.	Is Incinerable waste disposed of by energy recovery?	No
22.	Is Recyclable waste segregated and sent for recycling?	Yes, Plastic waste is segregated from mix solid waste & sent to recycler by manual segregation.
23.	Brief details of design of land fill site	Local body has provided segregation & vermi –compost plant at present dumping site at Sr No – 727 P, At – Juna Deesa, Taluko – Deesa, Dist: B.K.
24.	Disposal facilities of MSW. Is biodegradable waste allowed in land fill?	Yes, Solid waste is collected in closed compartment vehicle under door to door collection scheme, which is (Mix solid waste) only dump at land fill site. No any further process carried out for biodegradation of waste.
25.	Dimensions of land fill	Sr No – 727 P , At – Juna Deesa, Taluko – Deesa, Dist: B.K, @ 10 Acre Land
26.	Design Life of land fill site in years	No Land fill site developed.
27.	Facilities at the site	
28.	Fenced or hedged and provided with proper gate to monitor incoming vehicles.	Fencing and compound wall is provided.
29.	Approach and other internal roads provided and maintained to avoid dusting/ fugitive emissions.	Approach road is provided. Local body has provided internal road periphery of the site.
30.	Weigh bridge to measure quantity of waste brought at landfill site, fire protection equipments and other facilities provide.	Weigh bridge, Security cabin, lighting & sanitation facility for worker are provided.
31.	Utilities such as drinking water (preferably bathing facilities for workers) and lighting arrangements for easy land fill operations when carried out in night hours provided	Drinking & sanitation facility are provided at solid waste dumping site by provided one bore well.
32.	Safety provisions	Yes, PPE are provided to worker.
33.	Specifications for land filling	--
34.	Compaction using land fill compactors/road rollers etc.	--
35.	Daily cover (soil/inert debris or construction material)	No
36.	During monsoon intermediate cover with proper compaction and grading provided? Proper drainage berms constructed to divert run off away from the active cell of the land fill provided? Brief details of final cover	No
37.	Whether Storm water drains are diverted to minimize leachate?	No
38.	Whether Leachate collection and treatment facilities provided?	No
39.	Whether samples collected to check the ground water quality within 50 meters of the periphery of the land fill site during summer, monsoon and post	Yes, 1. One ground waste sample collected from borewell located within solid waste dumping site at sr no: 727/P;



GUJARAT POLLUTION CONTROL BOARD

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	monsoon periods from upstream and downstream of land fill?	Junadeesa; Ta – Deesa, Banaskantha.
40.	Details of installation of landfill gas control system including gas collection system.	No
41.	Is bad odor felt around land fill?	During visit, mild odour felt around the premises
42.	Is ambient air quality monitoring at the land fill site and at the vicinity done two times in a year for town or cities having population between one and ten lakhs	No
43.	Details of plantation at land fill site.	Scattered plantation is done on periphery of compound wall & at entry gate with drip line.
44.	Details of closure of land fill site and post closure care	--
45.	Whether composting facility provided?	Provided, but not in working condition
	Quantity of waste composted /day	--
	Quantity of compost generated/ day:	--
	Measures taken to prevent foul odor	During visit, no any activity observed for prevent foul odor.
46.	<p>Any other information:</p> <p>This Nagarpalika is visited with reference to telephonic message from H.O.Nagarpalika has collecting solid waste from their jurisdiction by dedicated closed vehicle, which is (Mix solid waste) dump at solid waste dumpsite. Segregation plant (machine) is provided at solid waste dumping site, but it is not in operation. Contacted person informed that segregation activity stopped since last six months. Vermi compost plant (@ 34 no's of compost bed, but during visit, found not in working condition. It is observed that, @ 1,40,000 MT of Ligancy solid waste dumped at dumping site and @ 45 to 50 MT/day solid waste also dumping at site. Previously Nagarpalika has processed @ 16000 -17000 MT of ligancy solid waste at dumping site. Nagarpalika has valid authorization under SWM rule – 2016 for processing, recycling, treatment of solid waste at sr no: 727/P; At - Junadeesa; Ta – Deesa; Dist: Banaskantha.</p> <p>During visit, following written instruction is given to Nagarpalika.</p> <ol style="list-style-type: none"> 1. To comply all the conditions of authorization and SWM Rules 2016. 2. During visit, vermi compost beds observed but not in operation, so operate immediately. 3. During visit, all machinery for segregation is not in operation, so operate regularly. 4. Increase plantation in periphery of the site. 	

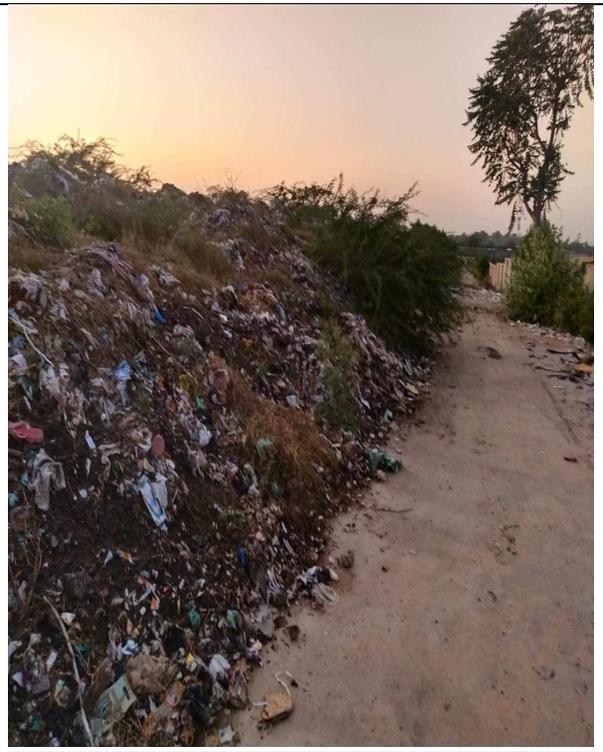
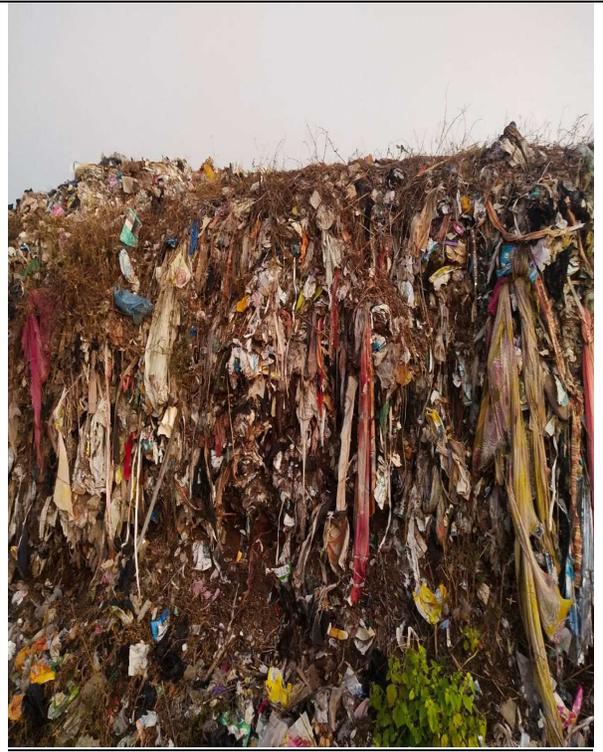
Date: 23.11.2021

Place: Deesa

T. A. Trivedi
(S.O.)

R.H. Jivani
(S.O.)

Solid waste at dumping site



Segregation Machine- Not in Working



Bailing Machine- Not in Working



Vermi Compost Bed- Not in Working



Vermi Compost Bed- Not in Working

