

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY		ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY - 2019-2020					
SI No		1	2	3	4	5	6
Corporation / Municipality	Corporation						
District	Thiruvanthapuram	Kollam	Ernakulam	Thrissur	Kozhikode	Kannur	
1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
2	Population	955494 as per 2011		602046	317523	609000	232486
3	Area in sq. kilometers	214.86sqkm		98	101.42 Sq. K.M	118.59 Sq.Km	78.35 Sq. Km
4	Name & Address of the local body	THIRUVANANTHAPURAM MUNICIPAL CORPORATION, VIKASBHAVAN P O,PALAYAM ,THIRUVANANTHAPURAM		Kochi Municipal Corporation	Thrissur Municipal Corporation M.O Road Thrissur 680001	KOZHICODE MUNICIPAL CORPORATION, BEACH PO, KOZHICODE, 673032	Kannur Municipal Corporation, Kannur
	Telephone No.:	0471 2320821		0484 2369007	0487 - 2422020	4952365040	0497 - 2700141
	Fax No.:	0471 2332083		4842369023	4872423522		NIL
	E-mail:	tvmcorp@gmail.com		kochicorpsecretary@gmail.com	secretary@corporation	secretarykkd@gmail.com	kannurmunicipalcorporation@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	L S Deepa		Sri. Sundareshan, Health Supervisor i/c of Health Officer	K.C. Madhavan Health Supervisor	K SIVADASAN, HEALTH SUPERVISOR	Ahammed Basheer, Health Supervisor
	Phone No.:	9447044141		89447215118	9048137143	9447627244	9446137911
	Fax No.:			91-484-2369023	nil	NIL	Nil
	E-mail:	tvmcorp@gmail.com		kochicorpsecretary@gmail.com	secretary@corporation ofthrissur.org	sk13996@gmail.com	kannurmunicipalcorporation@gmail.com
6	Number of households in the city/town	272820		167935	94605	126100	68059

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Number of non-residential premises in the city/ town	19851		18706		26550	
	Number of election/administrative wards in the city/town	100		74	55	75	55
7	Quantity of solid waste (solid waste)	353. Ton/day				300TPD	34 TPD
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	353.Ton/day		326		300TPD	34 TPD
	Quantity of solid waste collected per day (/tpd)	at source waste management facility 42.95tpd(dry waste only)		308			15 TPD
	Per capita waste collected per year(/gm/day)	409.1 gm/capital/day (Dry wasteonly)		541g			64.5 g/day
	Quantity of solid waste processed(/tpd)	242.23(68%)		215			15 TPD
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0		93			15 TPD
	Status of Solid Waste Management service	De centralized Waste management System		Operational			

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	yes		YES			YES
	Percentage of households practice storage of waste at source in domestic bins (%)	79.96%		90			95%
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	88.57%		74			98%
	Percentage of household dispose or throw solid waste on the streets (%)	Not calculated		6.7			5%
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	Not calculated		13			2%
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	yes		YES			YES
	Percentage of premises segregating the waste at source	88.57%		90			95%
	Door to Door collection of solid waste						
	Whether door to door collection (D2D) is being done in the city/town	only dry waste		YES			YES

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Number of wards covered in D2D collection of waste	53		74			55
	No. of households covered	20998		150730			
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	-		11175			24810
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	100%		74			100%
	"": Containerized tricycle/handcart (%)			23			NIL
	"": Other device (%) adopted			3			NIL
	Sweeping of streets	yes		NA			NA
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	2586 km		407			161.82
	<i>Frequency of street sweepings and percentage of population covered</i>						
	Daily	Daily		32			63
	Alternate day	Percentage of population covered		12			23
	Twice a week			13			4

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Occasionally (%)			11			10
	Tools used						Long handled brooms
	Manual sweeping (%)			100			100
	Mechanical sweeping (%)			0			0
	Whether long handle broom used by sanitation workers (Yes/No)	yes		YES			Yes
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)	yes		YES			No
	Whether handcart/tricycle is containerized (Yes/No)	yes		YES			No
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)	yes		YES			Yes
	Secondary Waste Storage facilities						
	<i>No. and type of waste storage depots in the city/town</i>						
	Open waste storage sites	Number	0	0			0
		Capacity	0	0			
	Masonry bins	Number	0	0			0
		Capacity	0	0			
	Cement concrete cylinder bins	Number	0	0			0
		Capacity	0	0			
	Dhala/coversed rooms/spaces	Number	0	0			0

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Under covered rooms space	Capacity	0	0			
	Covered metal/plastic containers	Number	0	0			0
		Capacity	0	0			
	Upto 1.1 m3 bins	Number	0	0			0
		Capacity	0	0			
	2 to 5 m3 bins	Number	0	0			0
		Capacity	0	0			
	Above 5 m3 containers	Number	0	0			0
		Capacity	0	0			
	Bin-less city	Number	0	0			0
		Capacity	0	0			
	Bin/population ratio	NA		NA			0
	Ward wise details of waste storage depots (attach) Ward No.: Area: Population: Number of bins placed: Total volume of bins placed:	De centralized waste management facility list attached		NA			No depot
	Total storage capacity of waste storage facilities in cubic meters`	List Attached		NA			NA
	Total waste actually stored at the waste storage depots daily			NA			0
	<i>Frequency of collection of waste from the depots</i>						
	Daily	Number of bins		NA			NA
	Alternate day			NA			
	Twice a week		448		NA		

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	Once a week	Thumpoomuzhy aerobin		NA			
	Occasionally			NA			
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	Nil		NA			NA
	No. of green bins:			NA			
	No. of blue bins:			NA			
	No. of black bins:			NA			
	Whether lifting of solid waste from storage depots in manual or mechanical. Give percentage	Nil		NA			NA
	(%) of Manual Lifting of solid waste			NA			
	(%) of Mechanical lifting			NA			
	If mechanical- specify the method used Front-end loaders/ Top loaders			NA			
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated form (Yes/No) . If Yes, specify	No		NA			
	Waste Transportation per day , Type and Number of vehicles used	used to dry waste collection					
	Number of			NIL			0

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Animal cart	Trips made		NIL			0
		Waste		NIL			0
	Tractors	Number of	1	NIL			2
		Trips made		NIL			1
		Waste			NIL		2.5
	Non tipping Truck	Number of		NIL			0
		Trips made	12		NIL		0
		Waste			NIL		0
	Tipping Truck	Number of		41			3
		Trips made			60		1
		Waste			237		9.5
	Dumper Placers	Number of		NIL			1
		Trips made			NIL		1
		Waste			NIL		3
	Refuse collectors	Number of		NIL			0
		Trips made			NIL		0
		Waste			NIL		0
	Compactors	Number of		4			0
		Trips made			8		0
		Waste			70		0
	Others	Number of		NIL			0
		Trips made	25 pickup, 1 mini proclainer		NIL		0
		Waste			NIL		0
	JCB/loader	Number of		5			2
		Trips made			NIL		1
		Waste	3		NIL		

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Frequency of transportation of waste						
	Daily			91.9			87.5
	Alternate day			2.7			5
	Twice a week			1.35			2.25
	Once a week			1.35			1.75
	Occasionally			2.7			3.5
	Quantity of waste transported each day (/tpd)			308			15
	Percentage of total waste transported daily (%)			94			100
	Waste Treatment Technologies used	De centralized management facility		Windrow composting			Land Filling
	Whether solid waste processed daily	Yes		YES			Yes
	If yes, Quantity of waste processed daily (/tpd)	242.23 in decentralized management facility		215			15
	Whether treatment is done by local body or through an agency	LB		Local body			Local Body and Agency
	Land(s) available with the local body for waste processing (in Hectares)	YES No Functioning (vilappilsala)		44.5			27.5
	Land currently utilized for waste processing	NO		10			3.5
	Solid waste processing facilities in operation	NA		Windrow composting plant			Trenching

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Solid waste processing facilities under construction	NO		NIL			Nil
	Distance of processing facilities from city/town boundary	NA		20			9 Km
Details of technologies adopted							
	Composting	Qty. raw material processed	185.38 TPD		215		NA
		Qty. final product produced			15		NIL
		Qty. sold			12		NA
		Quantity of residual waste landfilled			100		NA
		Qty. raw material processed			NIL		NIL

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Vermi composting	Qty. final product produced			NIL		NA
		Qty. sold			NIL		NA
		Quantity of residual waste landfilled			NIL		NA
	Bio-methanation	Qty. raw material			NIL		NIL
		Qty. final product	18.4 TPD		NIL		NA
		Qty. sold			NIL		NA
		Quantity of residual waste landfilled			NIL		NA
		Qty. raw material processed			NIL		NIL

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	Refuse Derived Fuel	Qty. final product produced			NIL		NA
		Qty. sold			NIL		NA
		Quantity of residual waste landfilled			NIL		NA
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed			NIL		NA
		Qty. final product produced			NIL		NA
		Qty. sold			NIL		NA
		Quantity of residual waste landfilled			NIL		BA

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Co-processing	Qty. raw material processed		NIL			BA
	Combustible waste supplied to cement plant			NIL			NIL
	Combustible waste supplied to solid waste based power plants			NIL			NIL
	Others	Qty					NIL
Solid waste disposal facilities							
	No. of dumpsites available with the local		Nil	1			1
	No. of sanitary landfill sites available with the local body		One at Vilapilsala now not functioning	1			0
	Area of each such site available for waste disposal sites		NA	20 acres			3.5 ACRES
	Area of land currently used for waste disposal		NO				3.5 ACRES
	Distance of dumpsite/landfill facility from city/town (kms)		NA	20			9 KM
	Distance from the nearest habitation (kms)		NA	5			.3 KM
	Distance from water body (kms)		NA	0.02			1 KM

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1	Name of the City/Town	Thiruvanthapuram	Kollam	Kochi	Thrissur	Kozhikode	Kannur
	Distance from state/national highway (kms)	NA		3			.3 KM
	Distance from Airport (kms)	NA		30			15 KM
	Distance from important religious place or historical monuments (kms)	NA		NA			12 KM
	Whether it falls in flood prone area (Yes/No)	NA		NO			NO
	Whether it falls in earthquake fault line area (Yes/No)	NA		NO			NO
	Quantity of waste landfill each day (/tpd)	NA		193			NIL
	Whether landfill site is fenced (Yes/No)	NA		NO			YES
	Whether Lighting facility is available on site (Yes / No)	NA		YES			NO
	Whether Weigh bridge facility available	NO		YES			NO
	Vehicles and equipments used at landfill (specify)			2 front end loaders			NA
	Man power deployed at landfill site			15			NA

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	Whether covering is done on daily basis (Yes / No)			NO			NA
	If not, Frequency of covering the waste deposited at landfill/NA			Not covered			NA
	Cover material used			NA			NA
	Whether adequate covering material is available (Yes / No)			NA			NA
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)			NA			NA
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)			NA			NA
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)	Attach		NO			YES, DPR is subitted before the State Govt. for approval
	What separate provisions are made for : (Attach details on Proposals,Steps)	Yes					-
10	Dairy related activities			-			-
	Slaughter houses waste:	Slaughter house at		modernised with provision			-
	C&D waste (construction debris):	Separate storage area		implemented			Not collected
11	Details of Post closure Plan (Attach Plan)			NA			No

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12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	No pakka slum in the city		218			2
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	763 sanitation workers, 386 Thumboormuzhy workers ,38 Antimosquito workers		779			154
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste			NA			42
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules			place for segregation of plastic waste brought to the site, Man power inadequate. Lack of space			Funding, lack of adequate staff
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			No			Nil
	Date of submission of report						
	Place-						

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Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
2	Population	37382	60161	74872	40048	37189	46702	29171	
3	Area in sq. kilometers	16.87sq.km	32.52	28.78	15.42 Sq.km	16.19	34.6	20.42	
4	Name & Address of the local body	ATTINGAL MUNICIPALITY, TVM DISTRICT, KERALA	Nedumangad Municipality	NEYYATTINKARA MUNICIPALITY	VARKALA MUNICIPALITY	Municipal Office, Paravur P.O, Kollam, Pin-691301	Punalur Municipality, Punalur P.O. Kollam	Municipal Office, Adoor, Pathanamthitta	
	Telephone No.:	4702622417	472801238	4712222242	4702602360	0474-2512340	0475 2222061	04734-228362	
	Fax No.:	NIL		NIL	NIL				
	E-mail:	secretaryatl@gmail.com	nddsec@gmail.com	secretarynytamc@gmail.com	secyvarkala@gmail.com	secyparavur@gmail.com	secypnlr@gmail.com	secyadr@gmail.com	
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	AJAYAKUMAR.B(HEALTH SUPERVISOR)	Health Supervisor	SASIKUMAR. P. K.	SANTHOSH	K. C. ASOK, HEALTH INSPECTOR GR I	Aji G HEALTH INSPECTOR GR II	VINOD M P HEALTH INSPECTOR GR I	
	Phone No.:	9745429108	9496101022	8086927074	7012916749	9400683131, 9447239311	0475 2222061	9447968066	
	Fax No.:	NIL		NIL	NIL				
	E-mail:	healthatl@gmail.com	nddsec@gmail.com	secretarynytamc@gmail.com	secyvarkala@gmail.com	secyparavur@gmail.com	secypnlr@gmail.com	vinodiravon@gmail.com	
6	Number of households in the city/town	13891	16000	19696	11518	15069	12606	7911	

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SI No		1	2	3	4	7	8	9	10	
Corporation / Municipality	Municipality									
District	Thiruvananthapuram				Kollam		Pathanamthitta			
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam	
	Number of non-residential premises in the city/ town	974	2000	1970	1200	990	1332	1860		
	Number of election/administrative wards in the city/town	31	39	44	33	32	35	28		
7	Quantity of solid waste (solid waste)	14-16	5	3	12	2 ton		2.2		
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	15-17	5	24	12	2 ton	10 ton	10.96		
	Quantity of solid waste collected per day (/tpd)	14-16	3	3	4.5	2 ton	10 ton	1 ton		
	Per capita waste collected per year(/gm/day)	300-400		1.5	100	500	250 gm	34.3		
	Quantity of solid waste processed(/tpd)	14-15.5	4	3	4.5	2 ton	10 ton	0.8		
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	NIL	Nil	NIL	NIL	nil	Nil	nil		
	Status of Solid Waste Management service	WORKING	Good	GOOD	GOOD	working	Working in good condition	working		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		1	2	3	4	7	8	9	10	
Corporation / Municipality	Municipality									
District	Thiruvananthapuram				Kollam		Pathanamthitta			
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam	
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	YES	Yes	YES	YES	yes	Yes	yes		
	Percentage of households practice storage of waste at source in domestic bins (%)	90%	70%	85%	70	90 %	96%	60%		
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	95%	70%	60.00%	80	95 %	94%	60%		
	Percentage of household dispose or throw solid waste on the streets (%)	2-5	10%	4%	3	2 %	2%	2%		
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	NIL	Nil	NIL	NIL	nil	Nil	1%		
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	YES	Yes	YES	YES	yes	Yes	yes		
	Percentage of premises segregating the waste at source	95%	90%	91%	95	95 %	96%	60%		
	Door to Door collection of solid waste	85%								
	Whether door to door collection (D2D) is being done in the city/town	YES	Yes	YES	YES	yes	Yes	yes		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Number of wards covered in D2D collection of waste	31	32	44	33	32	35	0	
	No. of households covered	10138	10020	17823	8000	15069	12606	0	
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	98%	1200	465	1050	98%	1332	65	
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	100%	90%	100%	100	100%	100%	3%	
	": Containerized tricycle/handcart (%)	NIL	Tricycle	NIL	NIL	tricycle	mini tipper	nil	
	": Other device (%)	NIL	Nil	NIL	NIL	NIL	nil	nil	
	adopted	VEHICLE	covered Tipper	GOODS CARRIER	AUTO PICKUP	COVERED TIPPER	COVERED TIPPER	tipper	
	Sweeping of streets	MANUALY	100%	MANUALLY	MANUALY	DAILY	100%	Manually,Daily	
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	26.8	6 km	8	22	8 KM	7 km	3km	
	<i>Frequency of street sweepings and percentage of population covered</i>								
	Daily	14.8	Daily 60%	60%	34	Daily, 50%	Daily, 100%	Daily 50%	
	Alternate day	6	0	0	35	0	0	0	
	Twice a week	4	0	0	15	0	0	0	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Occasionally (%)	2	0	0	5	0	0	0	
	Tools used	YES Brooms	brooms	BROOMS	BROOMS	brooms	brooms	Brooms	
	Manual sweeping (%)	100	100%	100%	100	100%	100%	100%	
	Mechanical sweeping (%)	0	0	0	NIL	0	0%	0	
	Whether long handle broom used by sanitation workers (Yes/No)	YES	Yes	YES	YES	yes	Yes	Yes	
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)	NO	Yes	YES	YES	yes	Yes	Yes	
	Whether handcart/tricycle is containerized (Yes/No)	NO	Yes	YES	YES	no	Yes	No	
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)	NO	No	NO	NO	yes	Yes	yes	
	Secondary Waste Storage facilities	NO				no		NO	
	<i>No. and type of waste storage depots in the city/town</i>								
	Open waste storage sites	Number	0	0	0	0	4000 Sq ft bulding	0	
		Capacity	0	0	0	0	0	0	
	Masonry bins	Number	0	0	0	0	0	0	
		Capacity	0	0	0		0	0	
	Cement concrete cylinder bins	Number	0	0	0	0	0	0	
		Capacity	0	0	0		0	0	
	Dhalao/covered rooms/spaces	Number	0	0	0	0	0	0	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Open/covered rooms space	Capacity	0	0	0	0	0	0	
	Covered metal/plastic containers	Number	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	
	Upto 1.1 m3 bins	Number	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	
	2 to 5 m3 bins	Number	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	
	Above 5 m3 containers	Number	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	
	Bin-less city	Number	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	
	Bin/population ratio	0	0						
	Ward wise details of waste storage depots (attach) Ward No.: Area: Population: Number of bins placed: Total volume of bins placed:	0	0	0	0	Aerobic bin compost units in 4 places and given supply order for 2500 kitchen bins and work started for	mini mcf 5 in each ward & additional mcf in public places	0	
	Total storage capacity of waste storage facilities in cubic meters`	0		0		1 ton	750 kg	NA	
	Total waste actually stored at the waste storage depots daily	0	500kg	0		250 kg	300	0	
	<i>Frequency of collection of waste from the depots</i>								
	Daily	Number of bins	0	0	0	0	0	0	
	Alternate day		0	0	0	0	0	Yes	0
	Twice a week		0	0	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Once a week	0	0	0		0	0	0	
	Occasionally	0	Yes	0		0	0	0	
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	NIL	No	NO		no	Yes	NA	
	No. of green bins:	NIL	0	0		nil	200	0	
	No. of blue bins:	NIL	0	0		Nil	200	0	
	No. of black bins:	NIL	0	0		Nil	200	0	
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage	NIL	Manual	NIL		Nil	Manual	NA	
	(%) of Manual Lifting of solid waste	NIL	90%	NIL		Nil	100%	NA	
	(%) of Mechanical lifting	NIL	10%	NIL		Nil	nil	NA	
	If mechanical- specify the method used Front-end loaders/ Top loaders	NIL	JCB	NIL		Nil	Nil	NA	
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	NIL	No	NIL		Nil	Yes	NO	
	Waste Transportation per day , Type and Number of vehicles used								
	Number of	NIL	0	0		Nil	Nil	NIL	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Animal cart	Trips made	NIL	0	0	Nil	Nil	NIL	
		Waste	NIL	0	0	NIL	NIL	NIL	
	Tractors	Number of	NIL	0	0	Nil	Nil	NIL	
		Trips made	NIL	0	0	Nil	Nil	NIL	
		Waste	NIL	0	0	Nil	NIL	NIL	
	Non tipping Truck	Number of	2	0	0	Nil	Nil	NIL	
		Trips made	2	0	0	Nil	Nil	NIL	
		Waste	2	0	0	Nil	NIL	NIL	
	Tipping Truck	Number of	2	1	2	1	2	1	
		Trips made	1 EACH	2	1	1	vechile	1	
		Waste	2	1	3	2	5 ton	1	
	Dumper Placers	Number of	0	0	0	0	Nil	NIL	
		Trips made	0	0	0	0	NIL	NIL	
		Waste	0	0	0	0	Nil	NIL	
	Refuse collectors	Number of	0	1	0	0	Nil	NIL	
		Trips made	0	1	0	0	NIL	NIL	
		Waste	0	0.5	0	0	0	Nil	NIL
	Compactors	Number of	0	0	0	0	Nil	NIL	
		Trips made	0	0	0	0	NIL	NIL	
		Waste	0	0	0	0	Nil	NIL	
	Others	Number of	0	0	1	0	Nil	NIL	
		Trips made	0	0	1	0	NIL	NIL	
		Waste	0	0	0	0	0	NIL	
	JCB/loader	Number of	0	0	0	0	1	NIL	
		Trips made	0	0	0	0	2 per day	NIL	
		Waste	0	0	0	0	100 kg per day	NIL	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Frequency of transportation of waste								
	Daily	100	90%	0		1 ton	95%	1 Ton	
	Alternate day	NIL	0	0		0	0	0	
	Twice a week	NIL	0	0		0	0	0	
	Once a week	NIL	0	100%		0	0	0	
	Occasionally	NIL	0	0		0	0	0	
	Quantity of waste transported each day (/tpd)	14-16	3 ton	0		1 ton	10 ton	1Ton	
	Percentage of total waste transported daily (%)	93	90%	0		100 %	100%	100%	
	Waste Treatment Technologies used	COMPOSTING, VERMICOMPOSTING, RMI	biomethanisation, segregation, shredding	AEROBIC BIN, BIO GAS		aerobic composting, shredding & bailing	segregation, aerobic composting, shredding & bailing	aerobic composting	
	Whether solid waste processed daily	YES	Yes	YES		daily	daily	daily	
	If yes, Quantity of waste processed daily (/tpd)	14-15.5	1 tpd	3		0.55 ton	10 ton	0.72ton	
	Whether treatment is done by local body or through an agency	AGENCY	Local body and agency called H K S	LOCAL BODY		Municipality & Harithakarmasena & IRTC	Municipality & Harithakarmasena & IRTC	Municipality	
	Land(s) available with the local body for waste processing (in Hectares)	1.8	60 cent	NO		20 cent	3 arc	0.32	
	Land currently utilized for waste processing	1.3	20 cent			20 cent	3 arc	0.32	
	Solid waste processing facilities in operation	NA	aerobic compost, biomethanisation , ring compost,	MCF		aerobic composting, shredding & bailing	segregation, aerobic composting, shredding & bailing	composting, segregation and collection	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Solid waste processing facilities under construction	NA	Plastic waste processing unit under construction	NIL		Thumpoormoozhi units in 6 places under construction	nil	Thumpoormoozhi model 7 units	
	Distance of processing facilities from city/town boundary	50 MTR	6 km	4 KM		6 km	6 km	3 km	
	<i>Details of technologies adopted</i>								
	Composting	Qty. raw material processed	Segregation, shredding, bailing	6 KG COIR PIT WITH INOCULUM		5 litre inoculum	1.5 ton	0.72tpd	
		Qty. final product produced	Granules	MANURE		manure	manure	.08tpd	
		Qty. sold	0	0		0	1.5 tpn per day free of cost	120kg/month free of cost	
		Quantity of residual waste landfilled	0	0		0	0	0	
	Qty. raw material processed	300KG	0	0		0	0	0	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality		Municipality							
District		Thiruvananthapuram				Kollam		Pathanamthitta	
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Vermi composting	Qty. final product produced	30-40KG	0	0		0	0	0
		Qty. sold	50%	0	0		0	0	0
		Quantity of residual waste landfilled	40-50KG	0	0		0	0	0
	Bio-methanation	Qty. raw material	1MT	Aerobin comost	1 MT		0	0	0
		Qty. final product	GAS	Manure	GAS		0	0	0
		Qty. sold	NA	As fertilisers (free of cost)	0		0	0	0
		Quantity of residual waste landfilled	NA	0	0		0	0	0
		Qty. raw material processed	NIL	0	0		0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Refuse Derived Fuel	Qty. final product produced	NIL	0	0		0	0	0
		Qty. sold	NIL	0	0		0	0	0
		Quantity of residual waste landfilled	NIL	0	0		0	0	0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	NIL	0	0		0	0	0
		Qty. final product produced	NIL	0	0		0	0	0
		Qty. sold	NIL	0	0		0	0	0
		Quantity of residual waste landfilled	NIL	0	0		0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
	Co-processing	Qty. raw material processed	NIL	0	0	0	0	0	0
	Combustible waste supplied to cement plant	NIL	0	0	0	0	0	0	0
	Combustible waste supplied to solid waste based power plants	NIL	0	0	0	0	0	0	0
	Others	Qty	NIL	0	0	0	0	0	0
	Solid waste disposal facilities		we are not practicing sanitary						
	No. of dumpsites available with the local	1	0	0	0	0	0	0	0
	No. of sanitary landfill sites available with the local body	UNDER CONSTRUCTION	0	0	0	0	0	0	0
	Area of each such site available for waste disposal sites	NA	0	0	0	0	0	0	0
	Area of land currently used for waste disposal	0.25 HECTOR	0	0	0	10 cent	0	0.32hr	0
	Distance of dumpsite/landfill facility from city/town (kms)	300MTR	0	0	0	0	0	3km	0
	Distance from the nearest habitation (kms)	30MTR	0	0	0	0	0	0.1km	0
	Distance from water body (kms)	2 KM	0	0	0	0	0	2km	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		1	2	3	4	7	8	9	10	
Corporation / Municipality	Municipality									
District	Thiruvananthapuram				Kollam		Pathanamthitta			
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam	
	Distance from state/national highway (kms)	300MTR	0	0		0	0	3km		
	Distance from Airport (kms)	36 KM	0	0		0	0	0		
	Distance from important religious place or historical monuments (kms)	700 MTR	0	0		0	0	3km		
	Whether it falls in flood prone area (Yes/No)		0	NO		0	0	No		
	Whether it falls in earthquake fault line area (Yes/No)	NO	0	NO		0	no	No		
	Quantity of waste landfill each day (/tpd)	3MT	0	0		0	0	0		
	Whether landfill site is fenced (Yes/No)	YES	0	NO		0	no	0		
	Whether Lighting facility is available on site (Yes / No)	YES	0	NO		0	no	0		
	Whether Weigh bridge facility available	NO	0	NO		0	no	0		
	Vehicles and equipments used at landfill (specify)	UNDER CONSTRUCTION	0	NO		0	0	0		
	Man power deployed at landfill site	NA	0			0	0	0		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		1	2	3	4	7	8	9	10	
Corporation / Municipality	Municipality									
District	Thiruvananthapuram				Kollam		Pathanamthitta			
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam	
	Whether covering is done on daily basis (Yes / No)	NA	0			0	no	0		
	If not, Frequency of covering the waste deposited at landfill/NA	NA	0			0	0	0		
	Cover material used	NA	0			0	0	0		
	Whether adequate covering material is available (Yes / No)	NA	0			0	nil	Nil		
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)	NA	0			0		Nil		
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)	NA	0			0		Nil		
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)	NA	Yes			No	no	yes		
	What separate provisions are made for : (Attach details on Proposals,Steps)	NA	No			inspections and fines imposed on waste dumping in	nil			
10	Dairy related activities	NA	nil			Nil		Nil		
	Slaughter houses waste:	NA	nil			nil		Nil		
	C&D waste (construction debris):	NA	nil			Nil		Nil		
11	Details of Post closure Plan (Attach Plan)	NA	nil			nil	nil	Nil		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		1	2	3	4	7	8	9	10
Corporation / Municipality	Municipality								
District	Thiruvananthapuram				Kollam		Pathanamthitta		
1	Name of the City/Town	Attingal	Nedumangad	Neyyattinkara	Varkala	Paravur (South)	Punalur	Adoor	Pandalam
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	NO	No			No	no	Nil	
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	41 WORKERS	Yes			Health Staff-5, contingent workers-19, 11 permanent, CLR-8, 1 covered tipper, 10 trolley, 4 thumboormuzhi	contigent workers-33 HKS -127 Drivers : 3 total 163	contigent workers-27 Driver-2 haritha karmasena-56	
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste	68	42 employees has been deployed			Health Staff-5, contingent workers-19, 11 permanent, CLR-8, 1 covered tipper, 10 trolley, 4 thumboormuzhi	contigent workers-33 HKS -127 Drivers : 3 total 163	contigent workers-27 Driver-2 haritha karmasena-56	
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules	NA	local people is the main threat regarding solid waste management			Lack of fund & Machinery	charge of case connected with helath and sanization to lsgd	Lack of trained officials,Opposition of public	
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	NA	We are on the way to build a 24 champared multy level building (mysore model) to			NIL	nil	Nil	
	Date of submission of report	17/04/2020				17.04.2020	17.04.2020	02/05/2020	
	Place-	ATTINGAL	Nedumangad			South Paravur	Punalur	adoor	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No	11	12	13	14	15	16	17	18	
Corporation / Municipality									
District	Alappuzha								
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
2	Population			176164	23486	45827	30977	68634	26421
3	Area in sq. kilometers			46.77	6	16.18	19.24	21.79	12.65
4	Name & Address of the local body			Municipal Office, Near Iron Bridge, Alappuzha		MUNICIPAL OFFICE CHERTHALA	Haripad Municipality, Haripad, Pin 690514	Municipal Office, Kayamkulam P.O, 690502	MAVELIKARA MUNICIPALIT Y,MAVELIKJA RA,PIN690101
	Telephone No.:			4772251792	4792452260	4782822531	0479 2412766	0479 2445060	0479-2302218
	Fax No.:					0			
	E-mail:			secretaryalappuzha@gmail.com	seccgnrmlty@gmail.com	secretarycmc1@gmail.com	secretaryharipad@gmail.com	kylmsecretary@gmail.com	secretary@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)			Habeeb M	Rajan T	SUNILKUMAR V, HEALTH INSPECTOR GR II	SUDHEEP S, Health Inspector Grade I	Krishnakumar. V	DILEEPKUMAR T K
	Phone No.:			9446316563	9446403176	9447473869	9496111756	9497336492	9562052996
	Fax No.:				0	0			
	E-mail:			hoalappuzha@gmail.com		secretarycmc1@gmail.com	hiharipad@gmail.com		
6	Number of households in the city/town			48000	8000	14250	9129	5635	7365

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Number of non-residential premises in the city/ town			12000	2000	2650	1236	2500	1660
	Number of election/administrative wards in the city/town			52	27	35	29	44	28
7	Quantity of solid waste (solid waste)				1	4		5	6.5
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)			58	2	0.75	1.5	2.72	2.5
	Quantity of solid waste collected per day (/tpd)			58	0.5	0.6	1	2.72	1.3
	Per capita waste collected per year(/gm/day)			52849200	450g	500	48 gm/d	20590200	500gm/day
	Quantity of solid waste processed(/tpd)			25.15	0.85	0.6	1	2.5	
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)			0	0	0	0	1.5	0
	Status of Solid Waste Management service			90% sufficient	working	well maintained			80

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)			Yes	yes	yes	Yes	Yes	yes
	Percentage of households practice storage of waste at source in domestic bins (%)			60	60	60%	40%	60%	60
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)			100	40	100%	30%	75	60
	Percentage of household dispose or throw solid waste on the streets (%)			0	2	0	1%	0	0
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)			5%	5	2%	5%	2	2
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)			Yes	yes	yes	Yes	Yes	yes
	Percentage of premises segregating the waste at source			100%	50	80%	30%	100	100
	Door to Door collection of solid waste								
	Whether door to door collection (D2D) is being done in the city/town			Yes	yes	yes	Yes	Yes	yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
	Corporation / Municipality								
	District	Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Number of wards covered in D2D collection of waste			52 (Non Bio degradable)	23	35	29	44	28
	No. of households covered				1000	8000	8500	7830	5115
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered			7200	1200	2600	950	600	1414
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)			50%	10	60%	80%	100	80
	"": Containerized tricycle/handcart (%)			5%	0	0	0		15
	"": Other device (%)			50% Autorikshaw	nil	0	20%		0
	adopted				tipper				
	Sweeping of streets			Yes	yes	yes	Yes	9	yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)			45 Km	3.5	25 km	1.5	20 KM	18
	<i>Frequency of street sweepings and percentage of population covered</i>								
	Daily	Percentage of population covered		30%	70	25%	3%	40	50
	Alternate day			60%	10	40%		80	30
	Twice a week			10%	10	10%		50	10

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Occasionally (%)			70%	30	60%		80	10
Tools used				Broom	brooms	Broom	Brooms	Broom	broom
Manual sweeping (%)				100%	100	100%	100%	100	100
Mechanical sweeping (%)				0	0	0	0		0
Whether long handle broom used by sanitation workers (Yes/No)				Yes	yes	yes	Yes	Yes	yes
Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)				Yes	yes	yes	No	Yes	yes
Whether handcart/tricycle is containerized (Yes/No)				Yes	no	yes	No	Yes	yes
Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)				Yes	yes	yes	No	Yes	yes
Secondary Waste Storage facilities									
<i>No. and type of waste storage depots in the city/town</i>									
Open waste storage sites	Number			0	0	0	0	0	0
	Capacity			0	0	0	0	0	0
Masonry bins	Number			266	0	0	0	0	0
	Capacity			4*4*4=64	0	0	0	0	0
Cement concrete cylinder bins	Number			0	0	0	0	0	0
	Capacity			0	0	0	0	0	0
Dhalao/covered rooms/spaces	Number			0	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Dnaaa/coversed rooms space			0	0	0	0	0	0
	Covered metal/plastic containers	Capacity		0	0	0	0	0	0
		Number		0	0	0	0	0	0
	Upto 1.1 m3 bins	Capacity		0	0	0	0	0	0
		Number			0	0	0	0	0
	2 to 5 m3 bins	Capacity		0	0	0	0	0	0
		Number			0	0	0	0	0
	Above 5 m3 containers	Capacity		0	0	0	0	0	0
		Number			0	0	0	0	0
	Bin-less city	Capacity		0	0	0	0	0	0
		Number			0	0	0	0	0
Bin/population ratio					0	0	NA		0
Ward wise details of waste storage depots (attach) Ward No.: Area: Population: Number of bins placed: Total volume of bins placed:				266 bins in 28 aerobic compost units every 1km contain at least 1 aerobic unit for all 52 wards(entire		26 UNITS OF AEROBIC BIN IN WARD 13 AND 28	Nil	35 Bins placed in 6 aerobic compost units in ward 23,9,2,36,38 of	
Total storage capacity of waste storage facilities in cubic meters`				17024	1 Tones	26 TON	NA	46.55	6.5
Total waste actually stored at the waste storage depots daily				34 ton	0.5	.5 TON	NA	2.5	1.5
<i>Frequency of collection of waste from the depots</i>									
	Daily	Number of bins		after 90 days	after 90days	after 90 days	0	0	0
	Alternate day				0	0	0	0	0
	Twice a week				0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Once a week	cleared			0	0	0	0	0
	Occasionally					0	0	0	0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)			NO, Waste seggregated and bio degradable waste collected in aerobic			NA	NO	NO
	No. of green bins:			0	0	0	0	No	NO
	No. of blue bins:			0	0	0	0	No	NO
	No. of black bins:			0	0	0	0	No	NO
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage				0	0	NA		
	(%) of Manual Lifting of solid waste			100%	100	100	0	100	100
	(%) of Mechanical lifting			0	0	0	0	0	0
	If mechanical- specify the method used Front-end loaders/ Top loaders			0	NA	NA	0	TOP Loader	NA
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify			Yes	yes	YES	0	Yes	YES
	Waste Transportation per day , Type and Number of vehicles used								
	Number of			0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Animal cart	Trips made		0	0	0	0		0
		Waste		0	0	0	0		0
	Tractors	Number of		0	0	0	0	1	1
		Trips made		0	0	0	0		0
		Waste			0	0	0	0	
	Non tipping Truck	Number of		0	0	0	0	0	0
		Trips made			0	0	0	0	0
		Waste			0	0	0	0	
	Tipping Truck	Number of		4	1	1	0	2	2
		Trips made			1	1	2	0	4
		Waste			12	0.5	8	0	
	Dumper Placers	Number of		0	0	0	0		0
		Trips made			0	0	0	2	0
		Waste			0	0	0	3	
	Refuse collectors	Number of		0	0	0	0		0
		Trips made			0	0	0	0	0
		Waste			0	0	0	0	
	Compactors	Number of		0	0	0	0		0
		Trips made			0	0	0	0	0
		Waste			0	0	0	0	
	Others	Number of		4(Autorikshaw)	0	0	0		0
		Trips made			1	0	0	0	0
		Waste			4	0	0	0	
	JCB/loader	Number of		0	0	0	0		0
		Trips made			0	0	0	0	0
		Waste			0	0	0	0	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
Frequency of transportation of waste									
	Daily			Daily	0	0	0	Daily	DAILY
	Alternate day				0	0	0		10
	Twice a week		0		100	100	0		5
	Once a week				0	0	0		5
	Occasionally				0	0	0		0
Quantity of waste transported each day (/tpd)				3	0.5	0	0	3	2.5
Percentage of total waste transported daily (%)				35%	25	0	0	50	50
Waste Treatment Technologies used				Aerobic compost	aerobic	Aerobic compost	Aerobic Com, Plastic Shredding Unit	Aerobic Compost	AEROBIC COMPOST
Whether solid waste processed daily				Yes	yes	YES	Yes	Yes	YES
If yes, Quantity of waste processed daily (/tpd)				34	0.5	0.5	1	2.5	2.5
Whether treatment is done by local body or through an agency				ULB for household and Private agency for Commercial		ULB	ULB	Local Body	LOCAL BODY
Land(s) available with the local body for waste processing (in Hectares)				6.47	1	0	30 cent	2.5	0
Land currently utilized for waste processing				0.2	0.05	0	30 cent	1	0
Solid waste processing facilities in operation				29	0.5	26	Plastic Shredding unit	35	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Solid waste processing facilities under construction			21	0	0	0	0	0
	Distance of processing facilities from city/town boundary			Aerobic compost unit (Decentralized) within the ULB	within ULB	Aerobic compost unit (Decentralized)	Within ULB	Aerobic compost unit with in the ULB	
<i>Details of technologies adopted</i>									
	Composting	Qty. raw material processed		Dry leaves, Innoculum	Inoculum, dry waste	AEROBIC COMPOSTING TECHNIQUE	1ton		AEROBIC COMPOST
		Qty. final product produced		Manure	manure	MANURE	1 ton		MANURE
		Qty. sold		10 ton	0	0	0		0
		Quantity of residual waste landfilled		0	0	0	0		0
	Qty. raw material processed			0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Vermi composting	Qty. final product produced			0	0	0	0	0
		Qty. sold			0	0	0	0	0
		Quantity of residual waste landfilled			0	0	0	0	0
	Bio-methanation	Qty. raw material			0	0	0	0	0
		Qty. final product			0	0	0	0	0
		Qty. sold			0	0	0	0	0
		Quantity of residual waste landfilled			0	0	0	0	0
		Qty. raw material processed			0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No			11	12	13	14	15	16	17	18
Corporation / Municipality										
District			Alappuzha							
1	Name of the City/Town		Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Refuse Derived Fuel	Qty. final product produced			0	0	0	0		0
		Qty. sold			0	0	0	0		0
		Quantity of residual waste landfilled			0	0	0	0		0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed			0	0	0	0		0
		Qty. final product produced			0	0	0	0		0
		Qty. sold			0	0	0	0		0
		Quantity of residual waste landfilled			0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Co-processing	Qty. raw material processed		0	0	0	0		0
	Combustible waste supplied to cement plant			0	0	0	0		0
	Combustible waste supplied to solid waste based power plants			0	0	0	0		0
	Others	Qty		0	0	0	0		0
Solid waste disposal facilities									
No. of dumpsites available with the local				1	0	0	0		0
No. of sanitary landfill sites available with the local body				1	0	0	0		0
Area of each such site available for waste disposal sites				Survodyapuram Decentralised	Perungulam	0	0		0
Area of land currently used for waste disposal				Aerobic compost units within the ULB		0	0	Murikkumoodu	NIL
Distance of dumpsite/landfill facility from city/town (kms)				5Km	2	0	0	6	0
Distance from the nearest habitation (kms)				.5Km	0	0	0	0.5	0
Distance from water body (kms)				6	3	0	0	0.5	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
Corporation / Municipality									
District		Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Distance from state/national highway (kms)			2	2	0	0	2	0
	Distance from Airport (kms)			60	120	0	0	90	0
	Distance from important religious place or historical monuments (kms)			2	2	0	0	10	0
	Whether it falls in flood prone area (Yes/No)			No	no	0	0	No	0
	Whether it falls in earthquake fault line area (Yes/No)			No	no	0	0	No	0
	Quantity of waste landfill each day (/tpd)			0 (Not functioning)	0	0	0	0	0
	Whether landfill site is fenced (Yes/No)			Yes	no	0	No	No	0
	Whether Lighting facility is available on site (Yes / No)			Yes	no	0	No	No	0
	Whether Weigh bridge facility available			No	no	0	No	No	0
	Vehicles and equipments used at landfill (specify)			Not functioning	no	0	No	No	0
	Man power deployed at landfill site			Not functioning	no	0	No	No	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		11	12	13	14	15	16	17	18
	Corporation / Municipality								
	District	Alappuzha							
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
	Whether covering is done on daily basis (Yes / No)			NO	no	0	No	No	0
	If not, Frequency of covering the waste deposited at landfill/NA			no	no	0	0	0	0
	Cover material used			nil	nil	0	Nil	Nil	NIL
	Whether adequate covering material is available (Yes / No)			no	no	0	No	No	NO
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)			no	no	0	No	No	NO
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)			no	no	0	No		NO
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)			Yes	no	0	No		NO
	What separate provisions are made for : (Attach details on Proposals,Steps)			Yes		0	No		NO
10	Dairy related activities			Nil	nil	0	0		NIL
	Slaughter houses waste:			Nil	nil	0	0	Private agency	NIL
	C&D waste (construction debris):			Private agency	nil	0	0	Private agency	NIL
11	Details of Post closure Plan (Attach Plan)			NA	nil	0	0		NIL

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No	11	12	13	14	15	16	17	18	
Corporation / Municipality									
District	Alappuzha								
1	Name of the City/Town	Pathanamthitta	Thiruvalla	Alappuzha	Chengannur	Cherthala	Haripad	Kayamkulam	Mavelikara
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)			1	0	0	0		NO
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste			126 Sanitation Workers, Aerobic compost bins for Secaopnadary Storage, 4 Tipper lorries, And 4	28 permanant workers and 8 CLR workers are deplyed in sweeping, transportation and	27 PERMANENT WORKERS ARE DEPLOYED FOR STREET SWEEPING, SEGREGATION	5 Permanent workers and 6 Daily Wages workers	35 Permanent workers and 10 CLR workers are deployed for street sweeping, segregation ,	23PERMANENT WORKERS,15CLR WORKERS
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste			0	nil	14 DAILY WAGES WORKERS ARE DEPLOYED FOR STREET SWEEPING,	Nil		NIL
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules				occasionally agitaion of Local people near Perungulam Padom	DUMP SITES, AND NEED 1 MORE MRF AND RRF	ptrotest no land getting for occupy waste disposal	DUMP SITES, AND NEED 1 MORE MRF AND RRF	DUMP SITES, AND NEED 1 MORE MRF AND RRF
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				nil		Nil		NIL
	Date of submission of report				29/5/2020		30/05/2020		20/05/2020
	Place-				chengannur		Haripad		MAVELIKARA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District	Kottayam						Idukki		
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
2	Population	47685	34814			22056		42646	52025
3	Area in sq. kilometers	13.5	7.5 skm			16.063		52.77	35.45
4	Name & Address of the local body	Municipal office, APJ Abdul Kalam Road, Changanassery- 686101	Municipal Office Erattupetta			Secretary , Pala Municipality, Pala P O , PIN		Secretary, Kattappana Municipality, Kattappana P.O PIN - 685508	Secretary, Thodupuzha Municipality,Thod upuzha P.O PIN - 685581
	Telephone No.:	4812420044	04822-272063			4822212328		4868272235	4862222711
	Fax No.:								
	E-mail:	secretarychsry@gmail.com	etpaetpaktm@gmail.com			munsecpala12@gmail.com		munsecktpna@gmail.com	munsectdpa@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	BABU K K, Health Supervisor	Binoy B G			Health Supervisor..		Atly P John	N P Rameshkumar Health supervisor
	Phone No.:	9744715006	9447347337			4822212328		9447572486	9446807700
	Fax No.:								
	E-mail:					munsecpala12@gmail.com		munsecktpna@gmail.com	munsectdpa@gmail.com
6	Number of households in the city/town	16500	7686			5280		10419	12604

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District	Kottayam						Idukki		
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Number of non-residential premises in the city/ town	10500	1365			1900		2850	7470
	Number of election/administrative wards in the city/town	37	28			26		34	35
7	Quantity of solid waste (solid waste)					7 tone		5 tpd	10 TPD
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	15	4 ton			7 tone		5 tpd	10 TPD
	Quantity of solid waste collected per day (/tpd)	3	3.5 ton			2 tonne		3.24 tpd	4
	Per capita waste collected per year(/gm/day)	70 g/d				0.9			.190 gm
	Quantity of solid waste processed(/tpd)	3	3 ton			7 tonne(as part of decentralised plan		3.24	4 TPD
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0	0.5 ton			Nil		3.24	2 TPD
	Status of Solid Waste Management service		degradable waste collected and treated in aerobic			source level waste management -pipe compost		Active	ACTIVE

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam					Idukki		
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)		No			Yes		Yes	YES
	Percentage of households practice storage of waste at source in domestic bins (%)	60	30%			Nil		80%	100
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	80	20%			50		100	100
	Percentage of household dispose or throw solid waste on the streets (%)	1	20%			0		5	52025
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	0	10%			0		0	0
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	yes	No			Yes		YES	yes
	Percentage of premises segregating the waste at source	70	20%			80		85	100
	Door to Door collection of solid waste								
	Whether door to door collection (D2D) is being done in the city/town	yes	Yes			Yes		Yes	YES

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Number of wards covered in D2D collection of waste	22	28			26		34	35
	No. of households covered	3500	5962			1850		8000	8500
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	0	Nil			400		2800	80
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	0	10%			0		80	70
	"": Containerized tricycle/handcart (%)	0	Nil			0		0	35
	"": Other device (%)	100	10%			90		0	45
	adopted								NA
	Sweeping of streets	daily	3km			8kms		Yes	YES
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	15	1km			8kms		10	11 KM
	<i>Frequency of street sweepings and percentage of population covered</i>								
	Daily	70	70			70		30	55
	Alternate day	20				20		0	0
	Twice a week	5				5		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam					Idukki		
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Occasionally (%)	5				5		0	0
	Tools used		Broom			Broom		Brooms	BROOMS
	Manual sweeping (%)	100	100%			100		100	100
	Mechanical sweeping (%)	0				0		0	0
	Whether long handle broom used by sanitation workers (Yes/No)	yes	Yes			Yes		Yes	YES
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)	yes	Yes			No		No	YES
	Whether handcart/tricycle is containerized (Yes/No)	yes	No			NA		No	YES
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)	yes	No			Yes		No	YES
Secondary Waste Storage facilities									
<i>No. and type of waste storage depots in the city/town</i>									
Open waste storage sites	Number	1	5			nil		0	0
	Capacity	5000				na		0	0
Masonry bins	Number	0	nil			nil		0	0
	Capacity	0				na		0	0
Cement concrete cylinder bins	Number	0	nil			nil		0	0
	Capacity	0				na		0	0
Dhalao/covered rooms/spaces	Number	0	-			nil		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Open/covered rooms space	Capacity	0			na		0	0
	Covered metal/plastic containers	Number	0	-		nil		0	0
		Capacity	0			na		0	0
	Upto 1.1 m3 bins	Number	0	-		nil		0	0
		Capacity	0			na		0	0
	2 to 5 m3 bins	Number	0	-		nil		0	0
		Capacity	0			na		0	0
	Above 5 m3 containers	Number	0	-		nil		0	0
		Capacity	0			na		0	0
	Bin-less city	Number	yes	Yes		nil		Yes	YES
		Capacity	n/a			na		NA	NA
	Bin/population ratio	n/a	No						NA
	Ward wise details of waste storage depots (attach) Ward No.:								
	Area: Population:								
	Number of bins placed:	45 bins in 7 locations	No			Nil		0	0
	Total volume of bins placed:								
	Total storage capacity of waste storage facilities in cubic meters`	70	-			NA		0	0
	Total waste actually stored at the waste storage depots daily	1	-			NA		0	0
	Frequency of collection of waste from the depots								
	Daily	Number of bins	0			Nil		0	NA
	Alternate day		0			Nil		0	NA
	Twice a week		0			Nil		0	NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam					Idukki		
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Once a week	0				Nil		0	NA
	Occasionally	yes				Nil		64	NA
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	no	No			No		NO	NO
	No. of green bins:	n/a				NA		0	0
	No. of blue bins:	n/a				NA		0	0
	No. of black bins:	n/a				NA		0	0
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage					NA		0	0
	(%) of Manual Lifting of solid waste	100	No			Nil		NA	NA
	(%) of Mechanical lifting	0				Nil		NA	NA
	If mechanical- specify the method used Front-end loaders/ Top loaders	n/a	No			NA		0	0
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	yes				NA		Yes	YES
	Waste Transportation per day , Type and Number of vehicles used								
	Number of	0				0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Animal cart	Trips made	0	No		0		0	0
		Waste	0			0		0	0
	Tractors	Number of	0			0		2	1
		Trips made	0	No		0		2	1
		Waste	0			0		5	1
	Non tipping Truck	Number of	0			0		0	0
		Trips made	0	No		0		0	0
		Waste	0			0		0	0
	Tipping Truck	Number of	1			1		0	2
		Trips made	2/week	No		1		0	1
		Waste	4			2 Tonne		0	1
	Dumper Placers	Number of	0			0		0	0
		Trips made	0	No		0		0	0
		Waste	0			0		0	0
	Refuse collectors	Number of	0			0		0	0
		Trips made	0	No		0		0	0
		Waste	0			0		0	0
	Compactors	Number of	0			0		0	0
		Trips made	0	No		0		0	0
		Waste	0			0		0	0
	Others	Number of	0			0		0	0
		Trips made	0	Yes. Pick up		0		0	0
		Waste	0			0		0	0
	JCB/loader	Number of	0			0		0	0
		Trips made	0	No		0		0	0
		Waste	0			0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
Frequency of transportation of waste									
	Daily	daily	100%			2 tonne		2	1
	Alternate day	0				0		0	0
	Twice a week	30				0		0	0
	Once a week	0				0		0	0
	Occasionally	0				0		0	0
	Quantity of waste transported each day (/tpd)	4	3.5 ton			0		5	4
	Percentage of total waste transported daily (%)	30	100%			100		100	100
	Waste Treatment Technologies used	aerobic oxidation	Aerobic Compost			thumbboormoozhy model aerobic compost		plastic shredding, bio waste converter, land	plastic shredding, bio gas plant, Plastic Shredding
	Whether solid waste processed daily	yes	yes			Yes		Yes	yes
	If yes, Quantity of waste processed daily (/tpd)	3	3 Ton			.5 tonne		4.97	3.5
	Whether treatment is done by local body or through an agency	local body	no			Local Body		Local body	LB
	Land(s) available with the local body for waste processing (in Hectares)	0.5	80 cent			10 cent(thumboormoozhy)		90 cent	0.6
	Land currently utilized for waste processing	0.34	Own land			cent(thumboormoozhy)		30 cent	0.6
	Solid waste processing facilities in operation	7 aerobic bin, 1 plastic shredding machine	24 aerobic bin			plastic shredding, thumbboormoozhy, pipe		plastic shredding, land fill, bio waste converter	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
	SI No	19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam					Idukki		
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Solid waste processing facilities under construction	0	nil			1 thumboormoozhy		Nil	Windrow compost
	Distance of processing facilities from city/town boundary	n/a	2 km			1 kms		5 KM	3 KM
Details of technologies adopted									
	Composting	Qty. raw material processed	3	2 ton		.5 tonne		0	0
		Qty. final product produced	500	300 kg		.05 tonne		1.97	0
		Qty. sold	0	No				0	0
		Quantity of residual waste landfilled	0	50Kg			0		0
		Qty. raw material processed	n/a	Nil		0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Vermi composting	Qty. final product produced	n/a	Nil		0		0	0
		Qty. sold	n/a	Nil		0		0	0
		Quantity of residual waste landfilled	n/a	Nil		0		0	0
	Bio-methanation	Qty. raw material	n/a	Nil		0		0	0
		Qty. final product	n/a	nil		0		0	0
		Qty. sold	n/a	Nil		0		0	0
		Quantity of residual waste landfilled	n/a	Nil		0		0	0
		Qty. raw material processed	n/a	Nil		0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Refuse Derived Fuel	Qty. final product produced	n/a	Nil		0		0	0
		Qty. sold	n/a	Nil		0		0	0
		Quantity of residual waste landfilled	n/a	Nil		0		0	0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	n/a	Nil		0		0	1 TPD
		Qty. final product produced	n/a	Nil		0		0	GAS
		Qty. sold	n/a	Nil		0		0	0
		Quantity of residual waste landfilled	n/a	Nil		0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Co-processing	Qty. raw material processed							
		n/a	No			0		0	0
	Combustible waste supplied to cement plant	0	No			0		0	0
	Combustible waste supplied to solid waste based power plants	0	No			0		No	NO
	Others	Qty							
		0	No			0		Nil	0
Solid waste disposal facilities						0			
	No. of dumpsites available with the local	1	1			0		1	1
	No. of sanitary landfill sites available with the local body	0	No			0		Nil	NIL
	Area of each such site available for waste disposal sites	40 cent	40 cent			0		90 cent	0.6 Hct
	Area of land currently used for waste disposal	40 cent	40 cent			0		30 cent	.4 Hct
	Distance of dumpsite/landfill facility from city/town (kms)	2	2 km			0		5 km	3 KM
	Distance from the nearest habitation (kms)	0.1	1 km			0		1 km	1 KM
	Distance from water body (kms)	1	500 m			0		10 km	1.5

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Distance from state/national highway (kms)	1	2 km			0		1 km	2
	Distance from Airport (kms)	100	80 km			0		95 km	52
	Distance from important religious place or historical monuments (kms)	3	4 km			0		85 km	2
	Whether it falls in flood prone area (Yes/No)	no	no			0		No	NO
	Whether it falls in earthquake fault line area (Yes/No)	no	no			0		No	NO
	Quantity of waste landfill each day (/tpd)	0	no			0		0	2 TPD
	Whether landfill site is fenced (Yes/No)	n/a	no			0		Yes	YES
	Whether Lighting facility is available on site (Yes / No)	n/a	yes			0		Yes	NO
	Whether Weigh bridge facility available	n/a	yes			No		No	NO
	Vehicles and equipments used at landfill (specify)	no landfill	No			NA		NA	NO
	Man power deployed at landfill site	no landfill	Yes			NA		NA	YES

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
	Whether covering is done on daily basis (Yes / No)	no landfill	No			NA		NA	NO
	If not, Frequency of covering the waste deposited at landfill	no landfill	Na			NA		NA	NA
	Cover material used	no landfill	Na			NA		NA	NA
	Whether adequate covering material is available (Yes / No)	no landfill	Na			NA		NA	NA
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)	no landfill	Na			NA		NA	NA
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)	no landfill	No			NA		NA	NA
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)	yes	No			NA		NA	NA
	What separate provisions are made for : (Attach details on Proposals,Steps)	attach				NA		NA	NA
10	Dairy related activities	no				NA		NA	NA
	Slaughter houses waste:	no				NA		biogas plant	NA
	C&D waste (construction debris):	no				NA		NA	NA
11	Details of Post closure Plan (Attach Plan)					NA		NA	NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		19	20	21	22	23	24	25	26
Corporation / Municipality									
District		Kottayam						Idukki	
1	Name of the City/Town	Changanassery	Erattupetta	Ettumanoor	Kottayam	Pala	Vaikom	Kattapana	Thodupuzha
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	8 slums				No		NO	NO
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	58 sanitation workers	15			25		20	Regular Sanitation Workers - 20 CLR Workers - 11 Drivers - 3
14	Give details of : Contractor/concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste	no	no			0		0	NA
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules	non availability of landfill sites, shortage of funds	Financial Problem for moving old waste in the dump site					Finacial problems, co-operation from public	Lack of fund , land and manpower
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	nil						Bio waste converter plant can be installed, plastic shredding unit can be used	Thumboormuzhi model project
Date of submission of report		25/05/2020				18-04-2020		18/4/2020	18/04/2020
Place-		Changanassery				Place- Pala		Kattappana	Thodupuzha

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	27	28	29	30	31	32	33	34	35	
Corporation / Municipality										
District										
Ernakulam										
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
2	Population	22428	33391	31468	70776		38822	53305		31503
3	Area in sq. kilometers	7.18	28.24	11.21	27	23.18	40.04	12.5		9.02
4	Name & Address of the local body	Secretary, Aluva Municipality, Pin 683101	Angamaly Municipality, Municipal Office, Angamaly, PIN-683572	Eloor Municipality, Udyogamandal P O, Eloor	Kalamassery Municipality, Changampuzha Nagar P.O	Koothattukulam municipality Koothattukulam P O Koothattukulam	Kothamangalam municipal office kothamangalam	maradu municipal office, kundannoor		North Paravur Municipal Office, North Paravur
	Telephone No.:	0484-2623759	0484-2452367	0484-2545559	0484-2532026	0485-2252350	0485-2822260	0484-2706544		4842442327
	Fax No.:							nil		Nil
	E-mail:	aluvamunicipaloffice@gmail.com	secretaryagly@gmail.com	eloomunicipality@gmail.com	secretarykalamassery@gmail.com	kkmmunicipality@gmail.com	secretarykothamangalam@gmail.com	secretarymaradu@gmail.com		nparavurmunicipality@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	Shaji O.A, Health supervisor in charge	Asokan A.M	Premchand P R	Anilkumar N V, Health Inspector	K. Gopakumar	Vijayaprakash K	wilson c j		Noushad M N
	Phone No.:	9744771509	9037957518	9207740033	9633349800	8921292463	9562216322	9446476775		9847699076
	Fax No.:				Nil	nil		nil		Nil
	E-mail:		secretaryagly@gmail.com			kkmmunicipality@gmail.com		secretarymaradu@gmail.com		Nil
6	Number of households in the city/town	5732	8421	8245		4832	12100	13435		8964

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District	Ernakulam									
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Number of non-residential premises in the city/ town	2234	21000	1200			2960	1475		2800
	Number of election/administrative wards in the city/town	26	30	31		25	31	33		29
7	Quantity of solid waste (solid waste)					30 ton/month	360 ton/month	160 ton		61 ton/month
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	7.84	10 tpd	10 TPD		1	12	15.84		2
	Quantity of solid waste collected per day (/tpd)	7.84	.5 tpd	.87 TPD		0.8	6	0		2
	Per capita waste collected per year(/gm/day)	400 gm	5.46 gm/day	27.80 g/ day		55gm/day	187gm/day	0		150gm/day
	Quantity of solid waste processed(/tpd)		0	.87 TPD		0	6	0		2
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	Nil	0	0		0.8	0	0		nil
	Status of Solid Waste Management service	Active	Active	Active		Active	Active	no		Active

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
8	Segregation and storage of waste at source									
	Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	Yes	Yes	Yes		yes	YES	no		yes
	Percentage of households practice storage of waste at source in domestic bins (%)	100	100	100		0	80	0		100
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	100	100	100		90	100	0		100
	Percentage of household dispose or throw solid waste on the streets (%)	0	0	0		0		80		1
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	0	0	0		0		nil		1
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	Yes	Yes	yes		yes	Yes	yes		yes
	Percentage of premises segregating the waste at source	100	100	100		72	85	80		100
Door to Door collection of solid waste										
Whether door to door collection (D2D) is being done in the city/town	Yes	Yes	yes		yes	yes	nil		yes	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Number of wards covered in D2D collection of waste	26	1	31		2	31	nil		29
	No. of households covered	1365	0	3000		5	7500	nil		8964
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	3562	50	0		84	1550	nil		2500
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	50	100	0		100	100	nil		95
	"": Containerized tricycle/handcart (%)	0	0	100		0		0		5
	"": Other device (%)	0	0	0		0		0		0
	adopted	NA	NA	NA		NA		nil		NA
	Sweeping of streets	Yes	Yes	Yes		yes	yes	yes		Yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	130 km	12 km	10 km		3km	12	5km		9km
	<i>Frequency of street sweepings and percentage of population covered</i>									
	Daily	100%	10	25%		25%	25	10%		25%
	Alternate day	0	20	65%		0	22	20%		55%
	Twice a week	0	10	10%		0	25	30%		10 %

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Occasionally (%)	0	20			10	12	30%		10%
	Tools used	Broom	brooms	Brooms		Brooms	brooms	brooms		Brooms
	Manual sweeping (%)	100	100	100		100	100	100		100
	Mechanical sweeping (%)	0	NIL	Nil		0		0		0
	Whether long handle broom used by sanitation workers (Yes/No)	Yes	Yes	Yes		Yes	yes	yes		Yes
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)	No	No	No		no	no	no		yes
	Whether handcart/tricycle is containerized (Yes/No)	No	No	No		no	no	no		no
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)	Yes	Yes	Yes		no	no	no		no
	Secondary Waste Storage facilities						no			
	<i>No. and type of waste storage depots in the city/town</i>									
	Open waste storage sites	Number	0	0	0	0	0	0		0
		Capacity	0		0			0		0
	Masonry bins	Number	0	0	0	0	0	0		0
		Capacity	0		0			0		0
	Cement concrete cylinder bins	Number	0	0	0	0	0	0		0
		Capacity	0		0			0		0
	Dhala/covers/rooms/spaces	Number	0	0	0			0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Open/covered rooms/spaces	Capacity	0	0	0	0	0	0	0	0
	Covered metal/plastic containers	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	0
	Upto 1.1 m3 bins	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	0
	2 to 5 m3 bins	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	0
	Above 5 m3 containers	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	0
	Bin-less city	Number	0	Yes	Yes	yes	yes	yes		yes
		Capacity	NA							
	Bin/population ratio	NA	NA	NA		NA		nil		Nil
	Ward wise details of waste storage depots (attach) Ward No.: Area: Population: Number of bins placed: Total volume of bins placed:	nil	NA	0		0		nil		nil
	Total storage capacity of waste storage facilities in cubic meters	nil	NIL	0		0		nil		nil
	Total waste actually stored at the waste storage depots daily	nil	NIL	0		0		nil		nil
	Frequency of collection of waste from the depots									
	Daily	Number of bins	NA	Daily	NA	0		0		0
	Alternate day		NA	NIL		0		0		0
	Twice a week		NA			0		0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Once a week	NA				0		0		0
	Occasionally	NA				0		0		0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	NA	NA	NA		0	N A	nil		NA
	No. of green bins:	0				0		0		0
	No. of blue bins:	0				0		0		0
	No. of black bins:	0				0		0		0
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage	0	NA	NA		NA	N A	NA		NA
	(%) of Manual Lifting of solid waste	0				0		0		0
	(%) of Mechanical lifting	0				0		0		0
	If mechanical- specify the method used Front-end loaders/ Top loaders	0	NA	NA		0		NA		NA
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	Yes	Yes	Yes		0		NO		NA
	Waste Transportation per day , Type and Number of vehicles used									
	Number of	0	0			0		0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Animal cart	Trips made	0	0		0		0		0
		Waste	0	0		0		0		0
	Tractors	Number of	0	0		0		0		2
		Trips made	0	0	1	0	1	0		1
		Waste	0	0		0		0		1
	Non tipping Truck	Number of	0	0		0		0		1
		Trips made	0	0		0	0	0		1
		Waste	0	0		0		0		1
	Tipping Truck	Number of	2	1		1		0		0
		Trips made	2	1		1	2	1		0
		Waste	7.84	.5 tpd		1		0		0
	Dumper Placers	Number of	0	0		0		0		0
		Trips made	0	0		0		0		0
		Waste	0	0		0		0		0
	Refuse collectors	Number of	0	0		0		0		0
		Trips made	0	0		0		0		0
		Waste	0	0		0		0		0
	Compactors	Number of	0			0		0		0
		Trips made	0			0		0		0
		Waste	0			0		0		0
	Others	Number of	0			0		0		0
		Trips made	0		3	0		0		0
		Waste	0			0		0		0
	JCB/loader	Number of	0	0		0		0		0
		Trips made	0			0		1		0
		Waste	0			0		0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
Sl No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Frequency of transportation of waste									
	Daily	7.84	100			100	100	25%		100
	Alternate day	0								
	Twice a week	0								
	Once a week	0								
	Occasionally	0		100						
	Quantity of waste transported each day (/tpd)	7.84	.5 tpd	.57 TPD Non-bio		1	6	0		2
	Percentage of total waste transported daily (%)	80%	0.50%	65%		100	100	0		100
	Waste Treatment Technologies used		Pre-treated at Brahmaipuram Plant	Aerobic Bin (Bio)		NIL	windrow composting, segregation & sale			Bio gas, vermin compost, windrow compost,
	Whether solid waste processed daily	Yes	Yes	Yes		NIL	yes	NIL		yes
	If yes, Quantity of waste processed daily (/tpd)	7.84	.5 tpd	.3TPD		NA	6	1		2
	Whether treatment is done by local body or through an agency	transported to Brahmaipuram plant owned by	Through Cochlin Corporation (Brahmapuram)	Yes		Local body	local body	LOCAL BODY		local body and agency
	Land(s) available with the local body for waste processing (in Hectares)		NIL	No		0.138	0.8hectares	NIL		0.971
	Land currently utilized for waste processing	NIL	NIL	ULB (PWD Road side)		0.138	0.8 windrow	NA		0.971
	Solid waste processing facilities in operation	NIL	NIL	Aerobic Composting		NIL	composting,RRF, MRF	NA		MRF

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Solid waste processing facilities under construction	NIL	Yes	Nil		Nil	Nil	NIL		Nil
	Distance of processing facilities from city/town boundary		31	Within the ULB		within ULB	2km	NA		2km
<i>Details of technologies adopted</i>										
	Composting	Qty. raw material processed	NIL	NIL	300 kg		NA	3 ton	NA	28 ton/month
		Qty. final product produced	NIL	NIL	75 Kg		NA	1 ton	NA	9 ton/month
		Qty. sold	NIL	NIL	75 Kg (Free Supply)		NA	N A	NA	9 ton/month
		Quantity of residual waste landfilled	NIL	NIL	Nil		NA	N A	NA	Nil
	Qty. raw material processed	NIL	NIL			NA		NIL		10 ton / month

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
	SI No	27	28	29	30	31	32	33	34	35
	Corporation / Municipality									
	District	Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Vermi composting	Qty. final product produced	NIL	NIL		NA		NIL		4 ton/month
		Qty. sold	NIL	NIL		NA		NIL		4 ton/month
		Quantity of residual waste landfilled	NIL	NIL		NA		NIL		Nil
	Bio-methanation	Qty. raw material	NIL	NIL		NA		NIL		Nil
		Qty. final product	NIL	NIL		NA		NIL		Nil
		Qty. sold	NIL	NIL		NA		NIL		Nil
		Quantity of residual waste landfilled	NIL	NIL		NA		NIL		Nil
		Qty. raw material processed	NIL	NIL		NA		NIL		Nil

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Refuse Derived Fuel	Qty. final product produced	NIL	NIL			NA		NIL	Nil
		Qty. sold	NIL	NIL			NA		NIL	Nil
		Quantity of residual waste landfilled	NIL	NIL			NA		NIL	Nil
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	NIL	NIL			NA		NIL	Nil
		Qty. final product produced	NIL	NIL			NA		NIL	Nil
		Qty. sold	NIL	NIL			NA		NIL	Nil
		Quantity of residual waste landfilled	NIL	NIL			NA		NIL	Nil

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Co-processing	Qty. raw material processed								
		NIL	NIL			NA		NIL		Nil
	Combustible waste supplied to cement plant	plastic collected by Plan@Earth	NIL			NA		NIL		Nil
	Combustible waste supplied to solid waste based power plants	NIL	NIL			NA		NIL		Nil
	Others	Qty								
		NIL	NIL			NA				NA
Solid waste disposal facilities		NIL	NIL	Nil						
	No. of dumpsites available with the local	NIL	NIL			1	NIL	NIL		Nil
	No. of sanitary landfill sites available with the local body	NIL	NIL	Nil		NIL	NIL	NIL		Nil
	Area of each such site available for waste disposal sites	NIL	NIL	NA		NA	nil	NIL		Nil
	Area of land currently used for waste disposal	NIL	NIL	Nil		36cent	nil	NIL		Nil
	Distance of dumpsite/landfill facility from city/town (kms)	NIL	NIL	NA		within ULB		NA		NA
	Distance from the nearest habitation (kms)	NIL	NIL	Nil		0.5		NA		NA
	Distance from water body (kms)	NIL	NIL	NA		0.3		NA		NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		27	28	29	30	31	32	33	34	35
Corporation / Municipality										
District		Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Distance from state/national highway (kms)	NIL	NIL	NA		0.5		NA		NA
	Distance from Airport (kms)	NIL	NIL	NA		NA		NA		NA
	Distance from important religious place or historical monuments (kms)	NIL	NIL	NA		1		NA		NA
	Whether it falls in flood prone area (Yes/No)	NIL	No	No		NO		NA		NA
	Whether it falls in earthquake fault line area (Yes/No)	NIL	No	No		No		NA		NA
	Quantity of waste landfill each day (/tpd)	NIL	NA	NA		NA		NA		NA
	Whether landfill site is fenced (Yes/No)	NIL	NA	No		NA		NA		NA
	Whether Lighting facility is available on site (Yes / No)	NIL	NA	NO		NA		NA		NA
	Whether Weigh bridge facility available	NIL	NA	NO		NA		NA		NA
	Vehicles and equipments used at landfill (specify)	NIL	NA	NA		NA		NA		NA
	Man power deployed at landfill site	NIL	NA	NA		NA		NA		NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
	SI No	27	28	29	30	31	32	33	34	35
	Corporation / Municipality									
	District	Ernakulam								
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
	Whether covering is done on daily basis (Yes / No)	NIL	NA	NA		NA	N A	NA		NA
	If not, Frequency of covering the waste deposited at landfill/NA	NIL	NA	NA		NA		NA		NA
	Cover material used	NIL	NA			NA	NA	NA		NA
	Whether adequate covering material is available (Yes / No)	NIL	NA	NA		NA		NA		NA
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)	NIL	No	No		NA		NA		NA
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)	NIL	No	No		NA	NA	NA		NA
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)	plan, master plan, solid waste DPR	No	No		NO	NA	NA		NA
	What separate provisions are made for : (Attach details on Proposals, Steps)	NIL				Nil	NA	NA		NA
10	Dairy related activities	NIL	NA	NA		Nil	NA	NA		NA
	Slaughter houses waste:	NIL	NA	NA		NIL	NA	NA		NA
	C&D waste (construction debris):	NIL	NA	NA		Nil		NA		NA
11	Details of Post closure Plan (Attach Plan)	NA	NIL	NA		NA	NA	NA		NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	27	28	29	30	31	32	33	34	35	
Corporation / Municipality										
District										
Ernakulam										
1	Name of the City/Town	Aluva	Angamaly	Eloor	Kalamassery	Koothattukulam	Kothamangalam	Maradu	Muvattupuzha	North Paravur
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	NO	No			Nil	NA	NIL		NA
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	Sanitation worker-81,driver-2	Regular Sanitation Workers - 19 Substitute Workers - 5 DLR Workers - 20 Drivers - 3			8	30	6		52
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste	NIL	NIL	Nil		0	0	0		0
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules	NIL	available. Available lands are wet lands, public protest is			insufficient land		INSUFFICIENT LAND BUILDING FOR SEGREGATED		insufficient land and buildings for segregation and processing
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		Mini Thumboormuzhi project is proposes to construct at Govt. hospital			Nil		NIL		Nil
	Date of submission of report	09.5.2020	17.04.2020	17.04.2020		19/04/2020	17.04.2020	18/4/2020		17.04.2020
	Place-	ALUVA	Angamaly	Eloor		Koothattukulam	Kothamangalam	MARADU		North Paravur

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	36	37	38	39	40	41	42	43	44	
Corporation / Municipality										
District	Thrissur									
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
2	Population	28105	29105	77319		49481	39098	70012	62532	72411
3	Area in sq. kilometers	13.605	29.36	28.16		25.23	12.41	29.66	33.57	28.96
4	Name & Address of the local body	Municipal Office Perumbavoor, Ernakulam District, Pin 683542	Piravom Municipal Office, Mini Civil Station, Piravom P.O., Piravom, Pin: 686664	Thrikkakara Municipality, PIN-682030, Ernakulam District		CHALAKUDYM UNICIPALITY, CHALAKUDY	MUNICIPAL OFFICE CHAVAKKAD, CHAVAKKAD, THRISSUR-680506	guruvayur municipality, east nad guruvayur	IRINJALAKUDA MUNCUPAL OFFICE, IRINJALAKUDA P O-680121	KODUNGALLUR MUNICIPAL OFFICE, KODUNGALLUR-680664
	Telephone No.:	4842522230	0485-2242339	0484 2422383		4802704597	4872507376	4872556375	4802825238	9846012841
	Fax No.:	NIL	Nil							
	E-mail:	perumbavoormunicipality@gmail.com	piravommunicipality@gmail.com	sectkramncplty@gmail.com		secretarycmchhalakudy@yahoo.com	chavakkadsecretary@gmail.com	guruvayursecretary@gmail.com	secretaryijk@gmail.com	secretarykdlrmt@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	Badarudeen V Health Supervisor	Anju K Thampi	B DILEEP Health Inspector, grade I		V.C.BALASUBRAMANYAN.(H.S)	PAUL THOMAS V, HEALTH INSPECTOR	K MOOSAKUTTY, HEALTH SUPERVISOR	P R STANLY, HEALTH SUPERVISOR	
	Phone No.:	9446442939	9946663157	9447864425		9447144050		9947556873	9447673646	9633337147
	Fax No.:	NIL	NA							
	E-mail:	perumbavoormunicipality@gmail.com	anjukumaramangalam@gmail.com						secretaryijk@gmail.com	secretarykdlrmt@gmail.com
6	Number of households in the city/town	10388	8905	32754		14850	9947	18000	15933	19492

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District	Thrissur									
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Number of non-residential premises in the city/ town	9060	1155	3638		2682	1480	2653	4125	3548
	Number of election/administrative wards in the city/town	27	27	43		36	32	43	41	44
7	Quantity of solid waste (solid waste)	300 ton/month	174.6ton/month			20ton/day	8	16		10ton/day
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	10	5.82	7		20	8	16	25.8	10ton/day
	Quantity of solid waste collected per day (/tpd)	2.32	2.04	7		5	4	4	5.51.36	10ton/day
	Per capita waste collected per year(/gm/day)	355 GM/DAY	200g/day	90.5		100	144	20	1.36/gm/day	50.4
	Quantity of solid waste processed(/tpd)	1	2.04	7		5		4	1.5/tpd	9ton
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0	0	Nil		1	4	0	4tpd	0
	Status of Solid Waste Management service	Active	Active	Active		ACTIVE	SUFFICIENT	SUFFICIENT	active	active

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
	SI No	36	37	38	39	40	41	42	43	44
	Corporation / Municipality									
	District	Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	yes	Yes	Yes		YES	YES	YES	yes	yes
	Percentage of households practice storage of waste at source in domestic bins (%)	0	100	95		85	70	80	75	70
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	0	100	90		80	20	80	80	80
	Percentage of household dispose or throw solid waste on the streets (%)	10	100	5		0	0	0	2	5
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	10	100	10		0	0	2	1	2
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	yes	Yes	yes		YES	YES	YES	yes	yes
	Percentage of premises segregating the waste at source	90	100	100		85	90	100	90	90
	Door to Door collection of solid waste									
	Whether door to door collection (D2D) is being done in the city/town	YES	Yes	Yes		YES	YES	YES	yes	yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Number of wards covered in D2D collection of waste	27	27	43		36	32	23	41	44
	No. of households covered	3060	3261	26228		12500	4200	5750	5800	13644
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	0	1155	3638		1620	1480	2560	1850	2838
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	Nil	100%	100		85	100	100	65	80
	"": Containerized tricycle/handcart (%)	Nil	50%	Nil		Nil	0	3	5	5
	"": Other device (%)	Nil	50%	Nil		Nil	0	NIL	NIL	5
	adopted	Manual		NA		MANUAL	MANUAL		MANUAL	
	Sweeping of streets	yes	yes	Yes		YES	DAILY TWICE	DAILY TWICE	DAILY ONCE	yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	6Km	7km	20 km		10KM	8	12	10	8km
	<i>Frequency of street sweepings and percentage of population covered</i>									
	Daily	10%	25%	30		40	70	100	10	40%
	Alternate day	20%		30		16	10		30	20%
	Twice a week	50%	25%	18		10	10		40	10%

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Number of covered rooms/spaces	Capacity	0		0	0	0	0	0	0
	Covered metal/plastic containers	Number	0		0	0	0	0	0	0
		Capacity	0		0	0	0	0	0	0
	Upto 1.1 m3 bins	Number	0		0	0	0	0	0	0
		Capacity	0		0	0	0	0	0	0
	2 to 5 m3 bins	Number	0		0	0	0	0	0	0
		Capacity	0		0	0	0	0	0	0
	Above 5 m3 containers	Number	0		0	0	0	0	0	0
		Capacity	0		0	0	0	0	0	0
	Bin-less city	Number	yes	yes	0	YES	0	YES	0	yes
		Capacity			0	0	0	0	0	0
	Bin/population ratio	Nil	nil	0		0	0	0	0	
	Ward wise details of waste storage depots (attach) Ward No.: Area: Population: Number of bins placed: Total volume of bins placed:	Nil	nil	0		BIN LESS CITY	BIN FREE	BIN FREE	NO BINS	bin free
	Total storage capacity of waste storage facilities in cubic meters		NA	NA		NIL	NIL	NIL	NIL	0
	Total waste actually stored at the waste storage depots daily	NA	NA	NA		NIL	NIL	NIL	NIL	0
	<i>Frequency of collection of waste from the depots</i>									
	Daily	Number of bins	0	NA	NA	0	0	0	0	0
	Alternate day		0		NA	0	0	0	0	0
	Twice a week		0		NA	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Once a week	cleared	0	NA		0	0	0	0	0
	Occasionally		0	NA		0	0	0	0	0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	Nil	NA			NO	NO STORAGE DEPOTS	NO STORAGE DEPOTS	NO STORAGE DEPOTS	0
	No. of green bins:	0		NA		0	0	0	0	0
	No. of blue bins:	0		NA		0	0	0	0	0
	No. of black bins:	0		NA		0	0	0	0	0
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage	N A	NA	NA		NA	NA	NA	NA	0
	(%) of Manual Lifting of solid waste	0		NA		0	0	0	0	0
	(%) of Mechanical lifting	0		NA		0	0	0	0	0
	If mechanical- specify the method used Front-end loaders/ Top loaders	N A		NA		NA	NA	NA	NA	0
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	No	yes	NA		YES	YES	YES	YES	yes
	Waste Transportation per day , Type and Number of vehicles used		Mini lorry and Lorry 2							
	Number of			NO		0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Animal cart	Trips made	0			0	0	0	0	0
		Waste	0			0	0	0	0	0
	Tractors	Number of	0	NO		1	2	4	1	1
		Trips made	0			2	2	4	2	3
		Waste	0			2	4	4	2	1.5ton/day
	Non tipping Truck	Number of	0	2	NO	0	0	0	0	1
		Trips made	0	1		0	0	0	0	3
		Waste	0	2.04		0	0	0	0	1.5ton/day
	Tipping Truck	Number of	2		3	2	0	0	0	0
		Trips made	1		6	2	0	0	0	0
		Waste	1			1	0	0	0	0
	Dumper Placers	Number of	0		0	0	0	0	0	0
		Trips made	0			0	0	0	0	0
		Waste	0			0	0	0	0	0
	Refuse collectors	Number of	0		0	0	0	0	0	0
		Trips made	0			0	0	0	0	0
		Waste	0			0	0	0	0	0
	Compactors	Number of	0		0	0	0	0	0	0
		Trips made	0			0	0	0	0	0
		Waste	0			0	0	0	0	0
	Others	Number of	0		18	0	0	0	6	0
		Trips made	0			0	0	0	2	0
		Waste	0			0	0	0	3.5	0
	JCB/loader	Number of	0		0	1	0	0	0	0
		Trips made	1			0	0	0	0	0
		Waste	0			0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
Frequency of transportation of waste										
	Daily	35%	100%	100		70	70	4	90	40
	Alternate day					10	10		0	20
	Twice a week					10	10		0	10
	Once a week					10	10		0	10
	Occasionally					0	0		10	10
	Quantity of waste transported each day (/tpd)	2	2.04	20		5	4	4	5.5	3ton
	Percentage of total waste transported daily (%)	50%	100%	100		100	40	25	90	70
	Waste Treatment Technologies used	Bio gas, Aerobic	shredding and bailing	NIL		WINDROW COMPOST,VERMI	VERMI COMPOSIT	WINDROW COMPOSTING	WINDROW COMPOSTING MODEL,BIOGAS	windrow compost,aerobic bin
	Whether solid waste processed daily	yes	yes	NA		YES	YES	YES	YES	yes
	If yes, Quantity of waste processed daily (/tpd)	1	2.04	NA		3	3	4	3	3ton
	Whether treatment is done by local body or through an agency	Local body	local body	Bio Waste is sent to Brahmapuram treatment Plant		LOCAL BODY	LOCAL BODY	IRTC	LOCAL BODY	local body
	Land(s) available with the local body for waste processing (in Hectares)	0.607	.1012 hectare	Nil		2.5	0.16	4.5	2.23	2.26Acres
	Land currently utilized for waste processing	0.607	.1012 hectare	NA		2.5	0.16	2	1	2.26Acres
	Solid waste processing facilities in operation	RRF & MCF	RRF&MRF	NA		WINDROW COMPOST,VERMI	VERMI COMPOST	WINDROW COMPOSTING	WINDROW COMPOST,THU MBOORMOZHI	windrow compost,aerobic bin

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Solid waste processing facilities under construction	Nil	Nil	NIL		NIL	NIL	NIL	WINDROW COMPOST	RRF under construction
	Distance of processing facilities from city/town boundary	within bounary	6 km	NA		4 KM	3 KM	4KM	3 KM	3km
<i>Details of technologies adopted</i>										
	Composting	Qty. raw material processed	0.5	2.26	NA	2	0	4 TON PER DAY	1ton/day	3ton/day
		Qty. final product produced	0.5	Not calculated	NA	200KG	0	3.5TON/DAY	100kg	1.5
		Qty. sold	Nil	NA	NA	200KG	0	100 %	0	0
		Quantity of residual waste landfilled	Nil	NA			0	0	0	0
	Qty. raw material processed	Nil		NA		0.5TON	3 TON	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Vermi composting	Qty. final product produced			NA	20KG	3 TON	0	0	0
		Qty. sold			NA	20	2.5 TON	0	0	0
		Quantity of residual waste landfilled			NA	0	0	0	0	0
	Bio-methanation	Qty. raw material	0.5		NA	NIL	0	0	.6 ton	0
		Qty. final product	0		NA	NIL	0	0	2kg gas	0
		Qty. sold	Nil		NA	NIL	0	0	0	0
		Quantity of residual waste landfilled	Nil		NA	NIL	0	0	0	0
		Qty. raw material processed	Nil		NA	NIL	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY											
SI No		36	37	38	39	40	41	42	43	44	
Corporation / Municipality											
District		Thrissur									
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur	
	Refuse Derived Fuel	Qty. final product produced			NA	NIL	0	0	0	0	
		Qty. sold			NA	NIL	0	0	0	0	
		Quantity of residual waste landfilled			NA	NIL	0	0	0	0	
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	Nil	0.75	NA	NIL	0	0	0	0	
		Qty. final product produced	Nil	not calculated			NIL	0	0	0	0
		Qty. sold		NA	NA		NIL	0	0	0	0
		Quantity of residual waste landfilled		NA	NA		NIL	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Co-processing	Qty. raw material processed		NA		NIL	0	0	0	0
	Combustible waste supplied to cement plant		Nil	nil	NIL	NIL	0	0	0	0
	Combustible waste supplied to solid waste based power plants		Nil	nil	NIL	NIL	0	0	0	0
	Others	Qty		NIL		NIL	0	0	0	0
Solid waste disposal facilities										
	No. of dumpsites available with the local		NIL	nil	NIL	1	0	NIL	1	0
	No. of sanitary landfill sites available with the local body		nil	Nil	NIL	0	0	NIL	1	0
	Area of each such site available for waste disposal sites		N A	NA	NA	0	0	NIL	5.5acer	0
	Area of land currently used for waste disposal		N A	NA	NA	50CENT	20 CENT	NIL	0.5 acre	0
	Distance of dumpsite/landfill facility from city/town (kms)		N A	NA	NA	2KM	3 KM	NIL	3km	0
	Distance from the nearest habitation (kms)		N A	NA	NA	500M	750 M	0	100 m	0
	Distance from water body (kms)		NA	NA	NA	1KM	1 KM	0	100 m	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District	Thrissur									
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Distance from state/national highway (kms)	N A	NA	NA		100M	500 M	0	3 km	0
	Distance from Airport (kms)	N A	NA	NA		25KM	80 KM	0	50 km	0
	Distance from important religious place or historical monuments (kms)	N A	NA	NA		2KM	2 KM	0	3.5 km	0
	Whether it falls in flood prone area (Yes/No)	N A	NA	NA			NO	0	no	0
	Whether it falls in earthquake fault line area (Yes/No)	N A	NA	NA		YES	NO	0	no	0
	Quantity of waste landfill each day (/tpd)	N A	NA	NA		NO	0	0	2 tpd	0
	Whether landfill site is fenced (Yes/No)	N A	NA	NA		NA	NA	0	yes, partly	0
	Whether Lighting facility is available on site (Yes / No)	N A	NA	NA		NA	NA	0	yes	0
	Whether Weigh bridge facility available	N A	NA	NA		NA	NA	0	no	0
	Vehicles and equipments used at landfill (specify)	N A	NA	NA		NA	NA	0	no	0
	Man power deployed at landfill site	N A	NA	NA		NA	NA	0	6nos	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
	SI No	36	37	38	39	40	41	42	43	44
	Corporation / Municipality									
	District	Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
	Whether covering is done on daily basis (Yes / No)	N A	NA	NA		NA	NA	0	no	0
	If not, Frequency of covering the waste deposited at landfill/NA	N A	NA	NA		NA	NA	0	weekly	NA
	Cover material used	N A	NA	NA		NA	NA	0	sand	NA
	Whether adequate covering material is available (Yes / No)	N A	NA	NA		NA	NA	0	yes	NA
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)	N A	NA	NA		NA	NA	NA	no	NA
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)	N A	NA	NA		NA	NA	NA	no	NA
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes /	N A	NA	NA		YES	NA	NA	yes	YES
	What separate provisions are made for : (Attach details on Proposals,Steps	N A	NA	NIL		YES	NA	NA	no	
10	Dairy related activities	N A	NA	NIL		YES	NA	NO	no	ENFORCED
	Slaughter houses waste:	N A	NA	NIL		YES	NA	NO	no	NO
	C&D waste (construction debris):	N A	NA	NIL		NA	NA	NO	no	NO
11	Details of Post closure Plan (Attach Plan)	N A	NA	NIL		NO	NA	NO	no	NO

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		36	37	38	39	40	41	42	43	44
Corporation / Municipality										
District		Thrissur								
1	Name of the City/Town	Perumbavoor	Piravam	Thrikkakkara	Thripunithura	Chalakkudy	Chavakkad	Guruvayur	Irinjalakuda	Kodungallur
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	N A	nil	NIL		NO	NO	NO SLUMS	no	NO
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	48	23	49		89	TWENTY SANITATION WORKERS, TEN KUDUMBASREE WORKERS (PRABHATHASR	98	153	SANITATION WORKERS 37 DRIVER 1 HARITHAKARM A SENA 82
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste	0	0	NIL		NIL	NIL	NIL	nil	NA
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules	Lack of public suport for S W M	lack of fund	Lack of workers and sufficient land		Lack of workers and sufficient land	NA	NIL	lack of mechanisation segregation	LACK OF LAND FOR LANDFILLING SITE
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	No		nil		nil	NIL	NIL	,composting at origin, strengthening harithakarmasena	NA
Date of submission of report		17/04/2020	17.04.2020	17/04/2020		18/4/2020	20/04/2020	17/04/2020	28/05/2020	18/4/2020
Place-		Perumbavoor	piravom	Thrikkakara		CHALAKUDY	CHAVAKKAD	GURUVAYUR	irinjalakuda	KODUNGALLUR

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	45	46	47	48	49	50	51	52	53	
Corporation / Municipality										
District	Palakkad									
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chittur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
2	Population	54071	61341	39919	32522	31902	53755	131019	28632	43528
3	Area in sq. kilometers	34.8	51.56	33	14.71 SQ.MTR	14.09	32.6	26.699 SQ.KM	15.84	32.28
4	Name & Address of the local body	KUNNAMKULAM MUNICIPALITY, KUNNAMKULAM PO, THRISSUR, PH :-	Wadakanchery Municipality, Wadakanchery.P.O Thrissur-680582.	CHERPULASSERY MUNICIPALITY, CHERPULASSERY (PO), PALAKKAD-679503	CHITTUR-TATTAMANGALAM MUNICIPALITY, AMBATTUPALUAM, CHITTUR COLEEGE POST	Mannarkkad Municipality	OTTAPALAM MUNICIPALITY	PALAKKAD MUNICIPALITY, PALAKKAD	PATTAMBI MUNICIPALITY, PATTAMBI PO,PALAKKAD DIS,	Shoranur Municipality, PB No. 2, Shoranur - 679121
	Telephone No.:	4885222221	04884 232252	0466-2282238	04923-222343	04924-222336	0466-2244349	0491-2534634	0466-2212233	0466-2222427
	Fax No.:					Nil	nii	niL		
	E-mail:	kunnamkulamsecretary@gmail.com	"wckymp@gmail.com"	.com,ddpcherpulascripkd@gmail.co	secretay.chittur@gmail.com	ddpmannarkkadpkd@gmail.com	secotplm1@gmail.com	secypkd@gmail.com	pattambimunicipality@gmail.com	secretaryshornur1@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	K.S.LAKSHMANAN (HEALTH SUPERVISOR)	Vaikuntan.L.S.	AJISHKUMAR V K (HI INCHARGE)	VASU M R (HI ii)	Nujoom.J.A	Radhakrishnan c k	K.MANIKKANNAN,HEALTH SUPERVISOR,PALAKKAD MUNICIPALITY	UNNIKRISHNAN	Sri C Gopakumar, HI Gr. I, HS in charge
	Phone No.:	9544961406	9447587032	9048538019	9495562457	9526583159	9496235396	9447429723	9037489475	8848945929
	Fax No.:					Nil	nil	Nil		
	E-mail:	lakshmananks83689@gmail.com	wckymp@gmail.com	NIL		Nil		NIL	pattambimunicipality@gmail.com	secretaryshornur1@gmail.com
6	Number of households in the city/town	13156	17536	8849	8510	8718	12484	30530	5897	10407

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	45	46	47	48	49	50	51	52	53	
Corporation / Municipality										
District	Palakkad									
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur-Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Number of non-residential premises in the city/ town	3043	4844	1568	2200	1434	2030		3800	1564
	Number of election/administrative wards in the city/town	37	41	33		29	36	52	28	33
7	Quantity of solid waste (solid waste)	15		300 KG	400KG	1.85 TPD	1tpd	25tpd	700kg	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	15	22.86	2 TPD	3 TON	2.40 TPD	2tpd	13tpd	7.1	4.5
	Quantity of solid waste collected per day (/tpd)	3	1.6 (Incl. 80kg Dry waste)	200 KG	2	0	1.4	200	1	4.5
	Per capita waste collected per year(/gm/day)	55.48	39.6 gm/d	1900		0	9.5	12tpd		3774
	Quantity of solid waste processed(/tpd)	3	Nil	1.2		0		1tpd		2.8
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0	Ni	0	0	0	0	1tpd		0.2
	Status of Solid Waste Management service	ACTIVE	Active	SUFFICIENT	SUFFICIENT	Non-bio degradable waste are collected	Working	active		Good and working

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur-Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	YES	Yes	YES	YES	0	Yes	NO		Yes
	Percentage of households practice storage of waste at source in domestic bins (%)	70	70%	80%	85%	0	80%	NIL		93
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	25	80%	70%	80%	0	75%	NA		98
	Percentage of household dispose or throw solid waste on the streets (%)	0	5%	0	0	0	0.10%	NA		3
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	0	2%	0	0	0	0.50%	NO		0
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	YES	Yes	YES	YES	No	Yes	YES		Yes
	Percentage of premises segregating the waste at source	100	100%	100%	100%	0	100	100%		100
	Door to Door collection of solid waste					0				
	Whether door to door collection (D2D) is being done in the city/town	YES	100% (Dry Waste) 5% (Wet waste from commercial	YES	YES	0	Yes	YES		Yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Number of wards covered in D2D collection of waste	37	41	33	29	0	36	52		33
	No. of households covered	9209	6000	5100	8510	0	10082	11051		9773
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	2444	70	1400	2200	0	1800	1501		2944
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	100	100% (Dry waste) 5% (Wet waste from comm. estabs.	65%	85%	0	85%	NO		25
	": Containerized tricycle/handcart (%)	NIL	Nil	NIL	NIL	0	0	NO		15
	": Other device (%)	NIL	Nil	NIL	NIL	0	0	MANNUAL		10
	adopted	MANUAL	Man power	MAN POWER	Man power	0	Man power	MANNUAL		Manpower
	Sweeping of streets	ONCE IN A DAY	Once in a week	YES	yes	0	Yes	MANNUAL		Yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	12 KM	10 Km	45	65km	0	5km	23KM		10
	<i>Frequency of street sweepings and percentage of population covered</i>									
	Daily	100%	0	40%	10%	0	20%	30%		70
	Alternate day	0	0	25%	20%	0	15%	0		10
	Twice a week	0	30%	35%	30%	0	20%	0		10

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Open/covered rooms/space	Capacity	0	0	0	0	0	0		1000
	Covered metal/plastic containers	Number	0	0	0	0	0	0	0	22
		Capacity	0	0	0	0	0	0	0	44
	Upto 1.1 m3 bins	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	0
	2 to 5 m3 bins	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	
	Above 5 m3 containers	Number	0	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0	
	Bin-less city	Number	YES	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	0	
	Bin/population ratio			0	0	0	0	0		
	Ward wise details of waste storage depots (attach) Ward No.: Area: Population: Number of bins placed: Total volume of bins placed:	BIN LESS CITY	Bins not placed	NA		0	0	0		
	Total storage capacity of waste storage facilities in cubic meters`	0	Nil	0		0	0	0		
	Total waste actually stored at the waste storage depots daily	0	Nil	0		0	0	0		
	<i>Frequency of collection of waste from the depots</i>									
	Daily	Number of bins	0	Nil	NA	0	0	0	NA	0
	Alternate day		0	Nil	NA	0	0	0	NA	0
	Twice a week		0	Nil	NA	0	0	0	NA	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Once a week	0	Nil	NA	0	0	0	NA		0
	Occasionally	0	Nil	NA	0	0	0	NA		0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	NO	No	NA	0	0	0	NO		NA
	No. of green bins:	0		NA	0	0	0	NA		
	No. of blue bins:	0		NA	0	0	0	NA		
	No. of black bins:	0		NA	0	0	0	NA		
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage	NIL	Nil	NIL	0	No	No	NA		
	(%) of Manual Lifting of solid waste	0	30%	40%	0	0	100	NA		100
	(%) of Mechanical lifting	0	Nil	NIL	0	0	0	NA		
	If mechanical- specify the method used Front-end loaders/ Top loaders	0	Nil	NA	0	0	Na	NA		
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	YES , MCF	Yes, MCF	Yes, MCF	NO	No	yes	YES		Yes
	<i>Waste Transportation per day , Type and Number of vehicles used</i>									
	Number of	0		NA	nil	Nil	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Animal cart	Trips made	0	NA	0	Nil	0	0		
		Waste	0	NA	0	Nil	0	0		
	Tractors	Number of	2	2	0	Nil	0	5		0
		Trips made	2	4	0	Nil	0	10		
		Waste	1.5TPD	6 TON	0	Nil	0	9		
	Non tipping Truck	Number of	0	NA	0	Nil	1	0		0
		Trips made	0	NA	0	Nil	1	0		
		Waste	0	NA	0	Nil	1	0		
	Tipping Truck	Number of	0	NA	0	Nil	0	1		1
		Trips made	0	NA	0	Nil	0	2		5
		Waste	0	NA	0	Nil	0	2		4
	Dumper Placers	Number of	0	NA	0	Nil	0	1		0
		Trips made	0	NA	0	Nil	0	2		
		Waste	0	NA	0	Nil	0	1		
	Refuse collectors	Number of	0	NA	0	Nil	0	0		0
		Trips made	0	NA	0	Nil	0	0		
		Waste	0	NA	0	Nil	0	0		
	Compactors	Number of	0	NA	0	Nil	0	0		0
		Trips made	0	NA	0	Nil	0	0		
		Waste	0	NA	0	Nil	0	0		
	Others	Number of		2 Mini Truck	0	Nil	0	0		1
		Trips made	0	4	NA	0	Nil	0		2
		Waste	0		NA	0	Nil	0		0.5
	JCB/loader	Number of	0	NA	0	Nil	0	1		0
		Trips made	0	NA	0	Nil	0	0		
		Waste	0	NA	0	Nil	0	0		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
Frequency of transportation of waste										
Daily	(%) of waste transported	3TPD	80 Kg Dry	30%	Nil	0	100	13TPD		100
Alternate day		0		40%	0	0		0		
Twice a week		0		25%	0	0		0		
Once a week		0		15%	0	0		0		
Occasionally		0		10%	0	0		0		
Quantity of waste transported each day (/tpd)		3	1.5 (Wet) 80kg (Dry)	5	0	0	1.9	0		4.5
Percentage of total waste transported daily (%)		100	100	100	0	0	9.5	13TPD		100
Waste Treatment Technologies used			Biogas for wec. Dry to Clean Kerala Mission	PLASTIC SHREDDING	COMPOST, PLASTIC	Nil	Windrow compostin	COMPOSTING ,PLASTIC		Composting, Plastic Shredding
Whether solid waste processed daily			Yes	YES	0	Nil	yes	YES		Yes
If yes, Quantity of waste processed daily (/tpd)			1.6	YES	0	Nil	1.8	13TPD		1.5
Whether treatment is done by local body or through an agency			Local Body & CKC	LOCAL BODY		Yes	localbody	LOCAL BODY		Local Body
Land(s) available with the local body for waste processing (in Hectares)			2.5326	22 CENT		Nil	2.64acre	2.1 HECTARE		1.86
Land currently utilized for waste processing			2 Acres	22 CENT		Nil	2.5	1.012 HECTARE		0.86
Solid waste processing facilities in operation			Biogas Plant 1 MCF-2	PLASTIC SHREDDING		Nil	Yes	NIL		2

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Solid waste processing facilities under construction			MCF, RRF		Nil	0	NIL		2
	Distance of processing facilities from city/town boundary		6 km	2 KM		0	6km	7KM		Within City
<i>Details of technologies adopted</i>										
	Composting	Qty. raw material processed				0	0	1	10TPD	3
		Qty. final product produced				0	0	300kg	0.25TPD	1.2
		Qty. sold				0	0		0	0
		Quantity of residual waste landfilled				0	0	0.42	NIL	
	Qty. raw material processed				0	0	0	NIL		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Vermi composting	Qty. final product produced			0		0	0	NIL	0
		Qty. sold			0		0	0	NIL	0
		Quantity of residual waste landfilled				0	0	0	NIL	0
	Bio-methanation	Qty. raw material		1.5 tpd	0	500kg	0	0	NIL	0
		Qty. final product			0		0	0	NIL	0
		Qty. sold			0		0	0	NIL	0
		Quantity of residual waste landfilled				0	0	0	NIL	0
		Qty. raw material processed			0		0	0	NIL	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Refuse Derived Fuel	Qty. final product produced			0		0	0	NIL	0
		Qty. sold			0		0	0	NIL	0
		Quantity of residual waste landfilled			0		0	0	NIL	0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed			0		0	0	NIL	0
		Qty. final product produced			0		0	0	NIL	0
		Qty. sold			0		0	0	NIL	0
		Quantity of residual waste landfilled			0		0	0	NIL	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur- Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Co-processing	Qty. raw material processed		0		0	0	NIL		0
	Combustible waste supplied to cement plant		Nil	NA		0	0	NIL		0
	Combustible waste supplied to solid waste based power plants		Nil	NA		0	0	NIL		0
	Others	Qty		NA		0	0			0
Solid waste disposal facilities										
	No. of dumpsites available with the local		Nil	NA		0	0	NIL		1
	No. of sanitary landfill sites available with the local body		Nil	NA		0	0	NIL		1
	Area of each such site available for waste disposal sites		Nil	NA		0	0	NIL		1 acre
	Area of land currently used for waste disposal		Nil	NA		0	0	3.2 HECTARE		.25 acre
	Distance of dumpsite/landfill facility from city/town (kms)		6 km	NA		0	na	5KM		Within City
	Distance from the nearest habitation (kms)			NA		0	na	1KM		2
	Distance from water body (kms)		150m Irrigation Canal	NA		0	na	2KM		2

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur-Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Distance from state/national highway (kms)		6 km	NA		0	na	1KM		0.1
	Distance from Airport (kms)			NA		0	na	50KM		102
	Distance from important religious place or historical monuments (kms)			NA		0	na	5		50
	Whether it falls in flood prone area (Yes/No)		No	NA		No	no	NO		No
	Whether it falls in earthquake fault line area (Yes/No)		No	NA		No	no	NO		No
	Quantity of waste landfill each day (/tpd)		Nil	NA		No	0	1IPD		0
	Whether landfill site is fenced (Yes/No)		No	NA		No	Na	YES		Yes
	Whether Lighting facility is available on site (Yes / No)		No	NA		No	Na	YES		Yes
	Whether Weigh bridge facility available		No	NA		No	no	NO		No
	Vehicles and equipments used at landfill (specify)		No	NA		No	no	EARTHMOVER-1,BOBCT-1,HITATCHI-1		
	Man power deployed at landfill site		2	NA		No	Yes	YES		1

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur-Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
	Whether covering is done on daily basis (Yes / No)			NA		No		NO		No
	If not, Frequency of covering the waste deposited at landfill/NA			NA		No	Na	WEEKLY		NA
	Cover material used			NA		No	Na	&COMPOST		
	Whether adequate covering material is available (Yes / No)			NA		No	Na	YES		Yes
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)			NA		No	Na	NO		No
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)			NA		No	Na	NO		No
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)		Yes	YES		No	Na	DPR PREPARED ,WAITING DPR APPROVAL		Yes
	What separate provisions are made for : (Attach details on Proposals,Steps)		No	NO		No	no	NO		
10	Dairy related activities	FARM	No	NO		No	No	NO		At Source
	Slaughter houses waste:		No	NO		No	NO	YES		At Source
	C&D waste (construction debris):			NO		No	No	NO		pathways/roads
11	Details of Post closure Plan (Attach Plan)		No	NO		No	No	NA		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		45	46	47	48	49	50	51	52	53
Corporation / Municipality										
District		Palakkad								
1	Name of the City/Town	Kunnamkulam	Vadakkanchery	Cheruplassery	Chitttur-Thattamangalam	Mannarkadu	Ottapalam	Palakkad	Pattambi	Shornur
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)			NA	Nil	Nil	No	NO		No slums
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste			STREET SWEEPING		Street sweeping	20	183		58
14	Give details of: Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste			NA		Nil	Nil	nil		0
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules			NA		Nil	Nil	nil		
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			NA		Nil	Nil	nil		
Date of submission of report							18/04/2020	18/04/2020		17.04.2020
Place-				CHERPULASSERY			Ottapalam	PALAKKAD		Shornur

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No	54	55	56	57	58	59	60	61	
Corporation / Municipality									
District	Malappuram								
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
2	Population		48342	68088	97194	46366	71239		94588
3	Area in sq. kilometers		20.43 km2	33.6	53.06	36.36	22.25		23.32
4	Name & Address of the local body		Kottakkal Municipality, Kottakkal PO, Malappuram. Pin: 676503. Tel: 0483-2742221.	Malappuram Municipal Office Up Hill PO, Malappuram 676519	Manjeri Municipality malappuram district 04832766238	Nilambur municipality,nilambur,malappuram Dt 04931220365	Parappanangadi Municipality,Parappanangadi Po,Malappuram Dist,Pin:676303,Tel: 0494-2410239		Ponnani municipality, Ponnani South P O ,Malappuram 679586
	Telephone No.:		0483-2742221	0483-2734228	4832766238	4931220365	0494-2410239		0494-2666336
	Fax No.:		91- 471-2554714				-		0494-2666336
	E-mail:		secretarykottakkal@gmail.com	mlpmmunci@gmail.com	musecmanjeri@gmail.com		parappanangadimunicipality@gmail.com		ponnanisecy@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)		KK Hamza (HI Gr 1)	Shamsudheen CA HI Gr. II HS in charge	Health Supervisor	Mansoor karattuchali HI Gr.1	Subramanyan.PV (HI Gr 1)		Sreejith.P (HI.Gr.II)
	Phone No.:		9846817270	9446936819	9496241307	9846159150	9037356223		
	Fax No.:						-		
	E-mail:			shamsudheenchulliparambil@gmail.com			parappanangadimunicipality@gmail.com		
6	Number of households in the city/town		11080	18889	19386	13865	15413		16394

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District	Malappuram								
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Number of non-residential premises in the city/ town				4800		0		
	Number of election/administrative wards in the city/town		32	40	50	33	45		51
7	Quantity of solid waste (solid waste)		60		9 TPD	1000kg			
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)		2	3.25	9TPD	1	4		9
	Quantity of solid waste collected per day (/tpd)		1.2	1.2	3 TPD	300kg	1		4
	Per capita waste collected per year(/gm/day)		49	6.4	330 g/DAT		100		250
	Quantity of solid waste processed(/tpd)		1.2	1.2	1 TPD	300kg	1		4
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)		0	0	0	0	0		0
	Status of Solid Waste Management service		sufficient	Sufficient	Sufficient	Sufficient	Sufficient		sufficient

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
	SI No	54	55	56	57	58	59	60	61
	Corporation / Municipality								
	District	Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)		Yes	Yes	YES	no	yes		yes
	Percentage of households practice storage of waste at source in domestic bins (%)		80%	91%	50%	50%	50%		85%
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)		75%	95%		40%	60%		80%
	Percentage of household dispose or throw solid waste on the streets (%)		0	NIL		0	0		5
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)		25%	NIL		10%	0		2
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)		Yes	Yes		Yes	Yes		yes
	Percentage of premises segregating the waste at source		100%	98%		90%	90%		90%
	Door to Door collection of solid waste								
	Whether door to door collection (D2D) is being done in the city/town		Yes	Yes	NO	Yes	yes		yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Number of wards covered in D2D collection of waste		8	32		33	45		51
	No. of households covered		1480	12315		5136	15413		13115
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered		520	3424		150	400		2540
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)		20	100%		100%	50%		50
	"": Containerized tricycle/handcart (%)		Nil	NIL		Nil	0		nil
	"": Other device (%)		Nil	NIL		Nil	0		nil
	adopted		Man power	Manual	used by coverd	Man Power	Man Power		Man Power
	Sweeping of streets		Yes	Manual	once in a day	Yes	yes		yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)		14Km	17 Km	5 km	10km	14 Km		12 km
	<i>Frequency of street sweepings and percentage of population covered</i>								
	Daily	Percentage of population covered	60%	60%	20%	50%	50%		55
	Alternate day		30%	20%	15%	25%	25%		35
	Twice a week		0	20%	15%	0	0		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Occasionally (%)		0	0	50%	0	0		
	Tools used		Brooms, Spade etc	Shovels etc		Broom	Broom		brooms
	Manual sweeping (%)		100%	100%	100%	100%	100%		100%
	Mechanical sweeping (%)		Nil	NIL	NILL	0	0		Nil
	Whether long handle broom used by sanitation workers (Yes/No)		Yes	Yes	YES	Yes	Yes		Yes
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)		No	No	NO	No	No		No
	Whether handcart/tricycle is containerized (Yes/No)		NA	No	NO	Nil	No		No
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)		Yes	Yes	NO	No	Yes		Yes
	Secondary Waste Storage facilities								
	<i>No. and type of waste storage depots in the city/town</i>								
	Open waste storage sites	Number	0	0	0	0	0		0
		Capacity	0	0	0	0	0		0
	Masonry bins	Number	0	0	0	0	0		0
		Capacity	0	0	0	0	0		0
	Cement concrete cylinder bins	Number	0	0	0	0	0		0
		Capacity	0	0	0	0	0		0
	Dhala/coversd rooms/spaces	Number	1	0	0	0	0		8

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Number of covered rooms/spaces		12	0	0	0	0	0	800
	Covered metal/plastic containers	Number	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0
	Upto 1.1 m3 bins	Number	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0
	2 to 5 m3 bins	Number	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0
	Above 5 m3 containers	Number	0	0	0	0	0	0	0
		Capacity	0	0	0	0	0	0	0
	Bin-less city	Number	0	Yes	0	0	0	0	yes
		Capacity	0	0	0	0	0	0	0
Bin/population ratio									
Ward wise details of waste storage depots (attach) Ward No.:									
Area: Population:									
Number of bins placed:			0	0	0	0	0	0	w no:6,8,14,15,16,17, 22,23,24,25,26,27, 28,30,31,32,33,40
Total volume of bins placed:			0	0	0	0	0	0	
Total storage capacity of waste storage facilities in cubic meters			0	0	0	0	0	0	1350
Total waste actually stored at the waste storage depots daily			0	0	0	0	0	0	100
<i>Frequency of collection of waste from the depots</i>									
	Daily	Number of bins	0	0	0	0	0	0	0
	Alternate day		0	0	0	0	0	0	0
	Twice a week		0	0	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Once a week	cleared	0	0	0	0	0		10
	Occasionally		0	0	0	0	0		0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)		No	No	NO	0	No		NO
	No. of green bins:		0	NA	NA	0	0		0
	No. of blue bins:		0	NA	NA	0	0		0
	No. of black bins:		0	NA	NA	0	0		0
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage		100%	NA	NA	0	0		
	(%) of Manual Lifting of solid waste		100%	0	0	0	100		100
	(%) of Mechanical lifting		0	0	0	0	0		0
	If mechanical- specify the method used Front-end loaders/ Top loaders		Nil	0	0	0	0		
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify		Yes	Yes	NO	0	yes		yes
	Waste Transportation per day , Type and Number of vehicles used								
	Number of		Nil	0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Animal cart	Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0
	Tractors	Number of	0	0	0	1	0		0
		Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0
	Non tipping Truck	Number of	Nil	2	0	1	0		0
		Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0
	Tipping Truck	Number of	1	2	2	0	1		1
		Trips made	Yes	1	2	0	2		3
		Waste	1	1	0	0	1		2
	Dumper Placers	Number of	0	0	0	0	0		0
		Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0
	Refuse collectors	Number of	0	0	0	0	0		2
		Trips made	0	0	0	0	0		6
		Waste	0	0	0	0	0		1
	Compactors	Number of	0	0	0	0	0		0
		Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0
	Others	Number of	0	0	0	0	0		0
		Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0
	JCB/loader	Number of	0	1	0	0	0		0
		Trips made	0	0	0	0	0		0
		Waste	0	0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
Frequency of transportation of waste									
Daily	(%) of waste transported		100%	60%	20%	0	100		100
Alternate day				10%	15%	0	0		
Twice a week				30%	10%	0	0		nil
Once a week				0	5%	0	0		nil
Occasionally				0	50%	0	0		nil
Quantity of waste transported each day (/tpd)			1.2	2	3 ton	0	1		0.3
Percentage of total waste transported daily (%)			100%	100%	33%	0	75%		100%
Waste Treatment Technologies used			Yes	Plastic shredding and bailing	biogas	0	Biogas		aerobic composting
Whether solid waste processed daily			Yes	Yes	yes	0	Yes		Yes
If yes, Quantity of waste processed daily (/tpd)			1.2	2	1 TPD	0	0.5		1.5
Whether treatment is done by local body or through an agency			Municipality	ULB	ULB	0	local body		local body
Land(s) available with the local body for waste processing (in Hectares)				2 Acra	0651 hect	0	0		Nil
Land currently utilized for waste processing			Yes	1 Acra	10 cent	0	0		no
Solid waste processing facilities in operation			Incinerator/MCF	MCF	biogas	0	biogas unit		solid waste composting unit

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Solid waste processing facilities under construction		Yes	0	thumbur muzhi	0	0		NO
	Distance of processing facilities from city/town boundary		200 mtr	Within ULB	1km, 2km	0	0		NA
<i>Details of technologies adopted</i>									
	Composting	Qty. raw material processed		0	0	0	0	0	1.5
		Qty. final product produced		0	0	0	0	0	0.5
		Qty. sold		0	0	0	0	0	0.5
		Quantity of residual waste landfilled		0	0	0	0	0	0.1
	Qty. raw material processed		0	0	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Vermi composting	Qty. final product produced	0	0	0	0	0		0
		Qty. sold	0	0	0	0	0		0
		Quantity of residual waste landfilled	0	0	0	0	0	0	0
	Bio-methanation	Qty. raw material	0	0	1 ton	0	0		0
		Qty. final product	0	0	0	0	0		0
		Qty. sold	0	0	0	0	0		0
		Quantity of residual waste landfilled	0	0	0	0	0	0	0
		Qty. raw material processed	0	0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Refuse Derived Fuel	Qty. final product produced	0	0	0	0	0	0	0
		Qty. sold	0	0	0	0	0	0	0
		Quantity of residual waste landfilled	0	0	0	0	0	0	0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	1.2	0	0	0	0.5		0
		Qty. final product produced	150 Kg	0	0	0	0.1		0
		Qty. sold	50 Kg	0	0	0	0		0
		Quantity of residual waste landfilled	75 Kg	0	0	0	0		0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Co-processing	Qty. raw material processed	50 Kg	0	0	0	0		0
	Combustible waste supplied to cement plant		Nil	0	0	0	0		0
	Combustible waste supplied to solid waste based power plants		Nil	0	0	0	0		35 ton
	Others	Qty		0	0	0	0		0
Solid waste disposal facilities									
	No. of dumpsites available with the local		0	1		0	0		0
	No. of sanitary landfill sites available with the local body		0	0	0	0	0		0
	Area of each such site available for waste disposal sites		0	2 Acre	10 cent	0	0		0
	Area of land currently used for waste disposal		Municipality premises	1 Acre	0	0	0		15 cent
	Distance of dumpsite/landfill facility from city/town (kms)		0	Within ULB	1 km	0	0		na
	Distance from the nearest habitation (kms)		0	1 Km	500 m	0	0		NA
	Distance from water body (kms)		0	2 Km	500m	0	0		NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District	Malappuram								
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Distance from state/national highway (kms)		0	5 Km	300 m	0	0		NA
	Distance from Airport (kms)		0	25 Km	20 km	0	0		NA
	Distance from important religious place or historical monuments (kms)		0	6.5 Km	1 km	0	0		NA
	Whether it falls in flood prone area (Yes/No)		0	No	no	0	No		NA
	Whether it falls in earthquake fault line area (Yes/No)		0	No	no	0	No		NA
	Quantity of waste landfill each day (/tpd)		0	0.5	nil	0	0		0
	Whether landfill site is fenced (Yes/No)		0	Yes	NA	0	No		NA
	Whether Lighting facility is available on site (Yes / No)		0	Yes	no	0	No		NA
	Whether Weigh bridge facility available		0	No	no	0	No		NA
	Vehicles and equipments used at landfill (specify)		0	No	nil	0	0		NA
	Man power deployed at landfill site		0	No	No	0	0		NA

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
	Whether covering is done on daily basis (Yes / No)		No	No	No	0	No		NA
	If not, Frequency of covering the waste deposited at landfill/NA		NA	Monthly	NA	0	Na		NA
	Cover material used		NA	Soil	NA	0	0		NA
	Whether adequate covering material is available (Yes / No)		NA	Yes	No	0	No		NA
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)		NA	No	No	0	No		NA
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)		NA	No	no	0	No		NA
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)		NA	Yes	Yes	0	No		ON GOING
	What separate provisions are made for : (Attach details on Proposals,Steps)		NA	NA	NA	0	0		
10	Dairy related activities		Nil	NA	NO	0	0		responsibility
	Slaughter houses waste:		STP	NA	YES	0	0		responsibility
	C&D waste (construction debris):		Nil	NA	NO	0	0		private parties
11	Details of Post closure Plan (Attach Plan)				NO	0	0		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		54	55	56	57	58	59	60	61
Corporation / Municipality									
District		Malappuram							
1	Name of the City/Town	Kondotty	Kottakkal	Malappuram	Manjeri	Nilambur	Parappanangadi	Perinthalmanna	Ponnani
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)		No	0	0	0	No		0
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste		Sanitation Workers - 6 Substitute Workers - 1 CLR Workers - 5 CLR Driver- 1	Sanitation Workers - 28 Substitute Workers - 2 CLR Workers - 3 CLR Driver- 2	42		21		38
14	Give details of: Contractor/concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste		Nil	NA	21		0		49
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules				LACK OF LAND AVAILABILITY		Lack of land,Public resistance		availability for SWM plant 2.Public resistance
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		Thumboormuzhi model project	Thumboormuzhi model waste disposing project	NA		composting plant		Decentralized composting plant
Date of submission of report			18/04/2020	18/04/2020	22/04/2020		17/4/2020		17/04/2020
Place-			Kottakkal	Malappuram	Manjeri		Parappanangadi		Ponnani

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	62	63	64	65	66	67	68	69	70	
Corporation / Municipality										
District	Kozhikode									
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
2	Population	69534	56632	56058	44437		48687		40670	49470
3	Area in sq. kilometers	19.49	17.73	16.55	21.9		23.85		31.28	22.39
4	Name & Address of the local body	Tanur Municipality, P.O. Tanur	Tirurangadi Municipality	Tirur Municipality, Tirur, P.O. Trikkandiyur, Malappuram Dist., Kerala. PIN: 676104	Valanchery Municipality, Valanchery P.O Malappuram Dist- 676552	Ferok Municipality	Koduvally Municipality Koduvally PO Kozhikode Dist - 673572		Mukkam Municipality , Mukkam Post , Mukkam Pin:673602	Payyoli Post, Payyoli 673522
	Telephone No.:	0494 2440235	4942460339	0494-24202303	4942644325	4952482243	04952210238		4952297132	4962602043
	Fax No.:	0		0494-24202303	0					
	E-mail:	tanurmunicipality@gmail.com	tirurangadiurban@gmail.com		valancherymunicipality@gmail.com		koduvallymunicipality@gmail.com		mukkammunicipality@gmail.com	payyolimunicipality@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	Prakashan. K. Health Inspector Gr.I	Chandran, Health Inspector Gr I	V. Manikandan, Health Supervisor	Padmini .K Junior Health Inspiector Gr.I	SAJIM	Abdul Kader M		Madhusoodanan	JEEVARAJ E K HEALTH INSPECTOR GRADE1
	Phone No.:	7736671375	9447284860	9495343961	7012202084	9446522311	9946506848		9605058421	9947414859
	Fax No.:	0			0					
	E-mail:	tanurmunicipality@gmail.com			valancherymunicipality@gmail.com		koduvallymunicipality@gmail.com		mukkammunicipality@gmail.com	payyolimunicipality@gmail.com
6	Number of households in the city/town	15400	13146	12769	7651	14048	12652		8134	13800

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	62	63	64	65	66	67	68	69	70	
Corporation / Municipality										
District										
	Kozhikode									
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Number of non-residential premises in the city/ town	1205	2000	2218	1254	5146	6542		0	0
	Number of election/administrative wards in the city/town	44	39	38	33	38	36		33	36
7	Quantity of solid waste (solid waste)				2 ton	4 Ton/day	600 kg		525kg	2.7
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	21.6	5.6	4.2	65 Kg	4ton	0.600 ton		0.525 ton	2.7
	Quantity of solid waste collected per day (/tpd)	0.3	1.4	1.7	40 Kg	2	0.600 ton		0.525	0.25
	Per capita waste collected per year(/gm/day)	120	140	133						250
	Quantity of solid waste processed(/tpd)	0.3	1.4	1.1	40 kg	2	0.600 ton		0.525	0.25
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0	0	0.6	0	0	0		0	0
	Status of Solid Waste Management service	Sufficient	sufficient	sufficient	Sufficient				Satisfactory	satisfactory

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY											
	SI No	62	63	64	65	66	67	68	69	70	
	Corporation / Municipality										
	District					Kozhikode					
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli	
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	Yes	yes	yes	Yes	yes	yes		yes	yes	
	Percentage of households practice storage of waste at source in domestic bins (%)	50%	60	68%	62	69	50		75	100%	
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	80%	60	60%	65	75	75		75	90%	
	Percentage of household dispose or throw solid waste on the streets (%)	0	20	10%	25	0	0		0	0	
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	0	5	20%	8	0	0		0	0	
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	Yes	yes	yes	Yes	yes	yes		yes	yes	
	Percentage of premises segregating the waste at source	50 %	60	95%	62	69	70		88%	100%	
	Door to Door collection of solid waste										
	Whether door to door collection (D2D) is being done in the city/town	Yes	yes	yes	Yes	yes	yes		yes	yes	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Number of wards covered in D2D collection of waste	31	39	28	33	38	36		33	36
	No. of households covered	4500	5850	8620	7651	6790	12652		6582	13800
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	950	500	4050	382	235	6542		0	0
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	50 %	38.60%	42%	50	13	0		0	0
	"": Containerized tricycle/handcart (%)	0	0	0	0	0	0		0	0
	"": Other device (%)	0	0	0	0	0	100		0	0
	adopted	Man Power	Manpower	Manpower	Manpower				0	0
	Sweeping of streets	Yes	yes	yes	Yes	yes	yes		yes	yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	5 KM	15	12	11	6	12		4	2.5
	<i>Frequency of street sweepings and percentage of population covered</i>									
	Daily	Percentage of population covered	25	50	65%	50	60	70	35	20
	Alternate day		25	25	20%	10	5	15	12	0
	Twice a week		0	0	15%	20	25	5	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Occasionally (%)	50	0	0	10	10	10		0	0
	Tools used	Brooms	brooms	Broom	Brooms	brooms	brooms		Brooms	brooms and basket
	Manual sweeping (%)	100	100	100	100	100	100		100	100
	Mechanical sweeping (%)	0	Nil	0	Nil	0	0		0	0
	Whether long handle broom used by sanitation workers (Yes/No)	Yes	Yes	yes	Yes	yes	yes		yes	yes
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)	Yes	No	No	No	no	no		no	NO
	Whether handcart/tricycle is containerized (Yes/No)	No	No	No	No	no	no		no	YES
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)	No	Yes	Yes	Yes	yes	yes		yes	NO
Secondary Waste Storage facilities										
<i>No. and type of waste storage depots in the city/town</i>										
Open waste storage sites	Number	0	0	0	0	0	0		0	0
	Capacity	0	0	0	0	0	0		0	0
Masonry bins	Number	0	0	0	0	0	0		0	0
	Capacity	0	0	0	0	0	0		0	0
Cement concrete cylinder bins	Number	0	0	0	0	0	0		0	0
	Capacity	0	0	0	0	0	0		0	0
Dhala/coversd rooms/spaces	Number	0	0	0	0	0	0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Open/covered rooms/space	Capacity	500	0	0	0	0		0	0
	Covered metal/plastic containers	Number	0	0	0	0	0		0	0
		Capacity	0	0	0	0	0		0	0
	Upto 1.1 m3 bins	Number	0	0	0	0	0		0	0
		Capacity	0	0	0	0	0		0	0
	2 to 5 m3 bins	Number	0	0	0	0	0		0	0
		Capacity	0	0	0	0	0		0	0
	Above 5 m3 containers	Number	0	0	0	0	0		0	0
		Capacity	0	0	0	0	0		0	0
	Bin-less city	Number	Yes	0	yes	0	0		0	0
		Capacity	0	0	0	0	0		0	0
	Bin/population ratio		0	0	0	0	0		0	
	Ward wise details of waste storage depots (attach) Ward No.:									
	Area: Population:									
	Number of bins placed:									
	Total volume of bins placed:	0	0	0	0	0	0		0	NO
	Total storage capacity of waste storage facilities in cubic meters`	0	0	0	0	0	0		0	0
	Total waste actually stored at the waste storage depots daily	0	0	0	0					0
	<i>Frequency of collection of waste from the depots</i>									
	Daily	Number of bins	0	0	0	0	0		0	0
	Alternate day		0	0	0	0	0		0	0
	Twice a week		0	0	0	0	0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Once a week	cleared	0	0	0	0	0	0	0	0
	Occasionally		0	0	0	0	0	0	0	0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	No	No	No	no	no	no		no	NO
	No. of green bins:	0	0	0	0	0	0		0	0
	No. of blue bins:	0	0	0	0	0	0		0	0
	No. of black bins:	0	0	0	0	0	0		0	0
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage	0		No					0	0
	(%) of Manual Lifting of solid waste	100	80	0	75	100	100		0	0
	(%) of Mechanical lifting	0	20	0	25	0	0		0	0
	If mechanical- specify the method used Front-end loaders/ Top loaders	0	Top	0	0	0	0		0	0
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	Yes	Yes	yes	Yes	yes	yes		yes	YES
	Waste Transportation per day , Type and Number of vehicles used									
	Number of	0	0	0	0	0	0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Animal cart	Trips made	0	0	0	0	0		0	0
		Waste	0	0	0	0	0		0	0
	Tractors	Number of	0	0	1	0	0		0	0
		Trips made	0	0	1	0	0		0	0
		Waste	0	0	0.7	0	0		0	0
	Non tipping Truck	Number of	0	0	0	1	1	1	0	0
		Trips made	0	0	0	2	2	1	0	0
		Waste	0	0	0	1	2	0.6	0	0
	Tipping Truck	Number of	0	1	1	0	0		0	0
		Trips made	0	2	1	0	0		0	0
		Waste	0	1	1	0	0		0	0
	Dumper Placers	Number of	0	0	0	0	0		0	0
		Trips made	0	0	0	0	0		0	0
		Waste	0	0	0	0	0		0	0
	Refuse collectors	Number of	0	0	0	0	0		0	0
		Trips made	0	0	0	0	0		0	0
		Waste	0	0	0	0	0		0	0
	Compactors	Number of	0	0	0	0	0		0	0
		Trips made	0	0	0	0	0		0	0
		Waste	0	0	0	0	0		0	0
	Others	Number of	0	0	0	0	0		0	0
		Trips made	0	0	0	0	0		0	0
		Waste	0	0	0	0	0		0	0
	JCB/loader	Number of	0	0	0	0	0		0	0
		Trips made	0	0	0	0	0		0	0
		Waste	0	0	0	0	0		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
Frequency of transportation of waste										
Daily			100	100	100	100	100		85%	90%
Alternate day		100	0	0	0	0	0		0	0
Twice a week		0	0	0	0	0	0		0	0
Once a week		0	0	0	0	0	0		0	0
Occasionally		0	0	0	0	0	0		0	0
Quantity of waste transported each day (/tpd)		0.3	1	1.7	1.5	2	0.6		0	0
Percentage of total waste transported daily (%)		40	75	100	75	50	60		85%	90%
Waste Treatment Technologies used		Nil	Nil	aerobic composting	Nil	yes	no			
Whether solid waste processed daily		No	Yes	Yes	Yes	yes	no		yes	YES
If yes, Quantity of waste processed daily (/tpd)		0	1	1.1	1	2	0.6		0.1	0.5
Whether treatment is done by local body or through an agency		Agency	Agency	Local body	Agency	local body	Agency		Local Body	Local Body
Land(s) available with the local body for waste processing (in Hectares)		Nil	Yes	1.82 Hectare	Yes	8 CENT			0	0
Land currently utilized for waste processing		No	No	Yes	No	8 cent	no		0	0
Solid waste processing facilities in operation		Handing over to agency	Handing over to Agency	Yes	Hand over to agency	yes	Handing over to Agency		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District										
		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Solid waste processing facilities under construction	No	No	Yes	no	yes	no		0	0
	Distance of processing facilities from city/town boundary	Na	NA	3KM	3 km	.5km	na		0	0
<i>Details of technologies adopted</i>										
	Composting	Qty. raw material processed	NA	NA	1.1	NA	Food waste	na	0	0
		Qty. final product produced	Na	NA	0.6	NA	MANOR	na	0	0
		Qty. sold	Na	NA	0.4	NA	Not started yet	na	0	0
		Quantity of residual waste landfilled	Na	NA	0.5	NA	NA	na	0	0
	Qty. raw material processed	Na	NA	0	NA	NA	na		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
	Sl No	62	63	64	65	66	67	68	69	70
	Corporation / Municipality									
	District	Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Vermi composting	Qty. final product produced	Na	NA	0	NA	0	na	0	0
		Qty. sold	Na	NA	0	NA	0	na	0	0
		Quantity of residual waste landfilled	Na	NA	0	NA	0	na	0	0
	Bio-methanation	Qty. raw material	Na	NA	0	NA	0	na	0	0
		Qty. final product	Na	NA	0	NA	0	na	0	0
		Qty. sold	Na	NA	0	NA	0	na	0	0
		Quantity of residual waste landfilled	Na	NA	0	NA	0	na	0	0
		Qty. raw material processed	Na	NA	0	NA	0	na	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Refuse Derived Fuel	Qty. final product produced	Na	NA	0	NA	0	na	0	0
		Qty. sold	Na	NA	0	NA	0	na	0	0
		Quantity of residual waste landfilled	Na	NA	0	NA	0	na	0	0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	Na	NA	0	NA	no	na	0	0
		Qty. final product produced	Na	NA	0	NA	na	na	0	0
		Qty. sold	Na	NA	0	NA	Na	na	0	0
		Quantity of residual waste landfilled	Na	NA	0	NA	0	na	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Co-processing	Qty. raw material processed								
		Na	NA	0	NA	0	na		0	0
	Combustible waste supplied to cement plant	Na	NA	0	NA	0	na		0	0
	Combustible waste supplied to solid waste based power plants	Na	NA	0	NA	0	na		0	0
	Others	Qty								
		Na	NA	0	NA	0	na		0	0
Solid waste disposal facilities							na			
	No. of dumpsites available with the local	0	0	0	0	0	na		0	1
	No. of sanitary landfill sites available with the local body	0	0	0	0	0	na		0	0
	Area of each such site available for waste disposal sites	0	0	0	0	0	na		0	0
	Area of land currently used for waste disposal	0	86cent	1.82Hectare	87 cent	8cent	20		0	0
	Distance of dumpsite/landfill facility from city/town (kms)	0	NA	2KM	NA	NA	na		0	0.5
	Distance from the nearest habitation (kms)	0	NA	2KM	NA	0.5	na		0	0
	Distance from water body (kms)	0	NA	4KM	NA	0.2	na		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District										
	Kozhikode									
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
	Distance from state/national highway (kms)	0	NA	1KM	NA	0.5	na		0	0
	Distance from Airport (kms)	0	NA	48KM	NA	NA	na		0	0
	Distance from important religious place or historical monuments (kms)	0	NA	3KM	NA	NA	na		0	0
	Whether it falls in flood prone area (Yes/No)	0	Yes	No	No	NO	na		0	0
	Whether it falls in earthquake fault line area (Yes/No)	0	NA	No	No	NO	na		0	0
	Quantity of waste landfill each day (/tpd)	0	0	0.5	0	NA	na		0	0
	Whether landfill site is fenced (Yes/No)	0	NA	Partially	No	NA	na		0	NO
	Whether Lighting facility is available on site (Yes / No)	0	NA	Yes	No	NA	na		0	NO
	Whether Weigh bridge facility available	0	NA	No	No	NO	na		0	NO
	Vehicles and equipments used at landfill (specify)	0	NA	Yes	0	NA	na		0	0
	Man power deployed at landfill site	0	NA	6	0	NA	na		0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY											
	SI No	62	63	64	65	66	67	68	69	70	
	Corporation / Municipality										
	District					Kozhikode					
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli	
	Whether covering is done on daily basis (Yes / No)	0	NA	Yes	No	NA	na		0	NO	
	If not, Frequency of covering the waste deposited at landfill/NA	0	NA		NA	NA	na		0	0	
	Cover material used	0	NA	Tarpaulin Sheet	NA	NA	na		0	0	
	Whether adequate covering material is available (Yes / No)	0	No	Yes	No	NO	na		0	NO	
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)	0	No	No	No	NO	na		0	NO	
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)	0	No	No	No	NO	na		0	NO	
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes /	Ongoing	No	Ongoing	No	YES	yes		0	NO	
	What separate provisions are made for : (Attach details on Proposals,Steps	0	Nil	0	0	NO	nil		0	0	
10	Dairy related activities	0	0	0	0	0	0		0	0	
	Slaughter houses waste:	0	0	0	0	0	0		0	0	
	C&D waste (construction debris):	0	0	0	0	0	0		0	0	
11	Details of Post closure Plan (Attach Plan)	0	0	0	0	0	0			0	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		62	63	64	65	66	67	68	69	70
Corporation / Municipality										
District		Kozhikode								
1	Name of the City/Town	Thanoor	Thiroorangadi	Tirur	Valanchery	Faroke	Koduvally	Koyilandy	Mukkam	Payyoli
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	0	No	0	0	NO	no		0	NO
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	Sanitation workers -11 Haritha karmasena - 54	NA	42 Nos Sanitation Workers & 36 Nos Harithakarmasena Volunteers	5 Sanitation Workers & 13 Haritha Karmasena Members	6 SANITAION WORKERS	8		8	8
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste	0	NA	NA	NA	NA	54		0	0
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules	1. Lack of land availabilty, 2.	Contingent workers 2.Non availability of SWM Plant	Nil	Nil	NA	na		0	0
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	Nil	Nil	Nil	Nil	NA	na		Na	NA
Date of submission of report		21/04/2020	21.04.20	22.04.2020	21.04.2020	17/04/2020	18/04/2020		18/04/2020	30.04.2020
Place-		Tanur	Tirurangadi	Tirur	Valanchery	FEROKE	Koduvally		mukkam	Payyoli

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No	71	72	73	74	75	76	77	78	79	
Corporation / Municipality										
District	Wayanad									
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
2	Population	35937	75295	33964	47974	45417	32	40369	32405	47078
3	Area in sq. kilometers	11.71	21.31	40.7	80.1	103.24	24.84	46.65	16.76	54.32
4	Name & Address of the local body	Ramanattukara Municipality, Ramanattukara Post, kozhikode, 673633, Kerala	Vatakara Municipality, Vadakara B each (Po) 673103	kalpetta municipality kalpetta (PO) wayanad (DIS) kerala state	Mananthavady Municipality, Mananthavady, Wayanad	Sulthan Bathery Municipality, Sulthan Bathery P.O, Wayanad - 673592	Anthur Municipality Dharmasala P O KUC PIN - 670 567		KUTHUPARAMB A MUNICIPALITY, KUTHUPARAMB A	Municipal office , Mattannur
	Telephone No.:	4952440095	4962512378	4936202349	04935 240253	04936 220240	4972780450	4902433344	4902361246	4902471226
	Fax No.:								0	
	E-mail:	ramanattukaracity@gmail.com	secretaryvatakara@gmail.com	kalpettamunicipality@gmail.com	mndymunicipality@gmail.com	batherymunicipality@gmail.com	anthoormunicipality@gmail.com	irittymunicipality@gmail.com	kpbamly@gmail.com	munofmtnr@gmail.com
5	Name of officer in-charge dealing with solid waste management(SOLID WASTEM)	Health Inspector Gr.1	Muhammedali Asraf, Health Supervisor	sathyan k health inspector grade 1	Vincent C A, Health Inspector Gr.1	Santhosh Kumar. P.S (Health Inspector Grade I)	ARUL P Health Inspector Mob :	KUnhiraman KK, Health Inspector gr1	BABU V P Health Inspector Mob :	Namitha Narayanan
	Phone No.:	9745267820	9495228181	8547249175	9497753031	9961597685	9495296743	9526364139	9447646003	9605190560
	Fax No.:								0	
	E-mail:	sureshbabupphi@gmail.com			mndymunicipality@gmail.com				babuvpabc@gmail.com	
6	Number of households in the city/town	7755	15787	8392	12538	8572	8460	9740	9015	9970

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District	Wayanad									
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Number of non-residential premises in the city/ town	1546		15309	1845	2782	980	2764	2200	2380
	Number of election/administrative wards in the city/town	31	47	28	36	35	28	33	28	35
7	Quantity of solid waste (solid waste)	1.03	20			13.6 TPD	10TPD		3.5	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	1.03	20	6	5	13.6 TPD	10TPD	12	3.5	14.87
	Quantity of solid waste collected per day (/tpd)	0.01	7	6	0.2	0.5TPD	1TPD	2.5	2	13
	Per capita waste collected per year(/gm/day)	150	300 gm/Day		200Gm/Day	300Gm/day	300g	240	340g/day	280
	Quantity of solid waste processed(/tpd)	0.2	10	6	0.2	9.1	1tpd	2.25	.5tpd	13
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0	1.5	0	0	0	nil	NIL	1.5	1
	Status of Solid Waste Management service	Satisfactory	Satisfactory		Implimentation of DPR	Waste to Energy Plant under construction		Active	implimentation of DPR is going on	

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	yes	Yes	yes	Yes	Yes	YES	Yes	Yes	Yes
	Percentage of households practice storage of waste at source in domestic bins (%)	90%	100%	60%	95%	60%	100%	60%	100%	80
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	80%	98%	20%	100%	30%	90%	43%	90%	90
	Percentage of household dispose or throw solid waste on the streets (%)	0	Nil	0	1%	0	0	3%	0%	0
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	0	2%	0	0%	0	0	5%	2%	0
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	no	Yes	yes	Yes	Yes	YES	Yes	Yes	Yes
	Percentage of premises segregating the waste at source	90%	100%	90%	100%	85%	100%	92%	100%	100
	Door to Door collection of solid waste									
	Whether door to door collection (D2D) is being done in the city/town	yes	Yes	yes	No	No	YES	yes	Yes	Yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Number of wards covered in D2D collection of waste	31	47	28	0	0	28	33	28	35
	No. of households covered	7755	17500	5036	0	0	8460	8369	8150	9600
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	1546	5550		0	0	962	1150	3737	1650
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	0	95%	80%	0	0	100%	61	100%	90
	"": Containerized tricycle/handcart (%)	1	-		0	0		0	0	
	"": Other device (%) adopted	0	100%		0	0		0	0	90
	Sweeping of streets	yes		yes	Yes	Yes	YES	yes	Yes	
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	2.5	12 Km	5 km	5 Km	3Km		11	5km	10
	<i>Frequency of street sweepings and percentage of population covered</i>									
	Daily	70	25%	100%	100%	100%	DAILY	20	30	40
	Alternate day	5	15%					0	30	20
	Twice a week	20	5%					0	20	30

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Occasionally (%)	5	10%					0	20	10
	Tools used	brooms and basket			brooms, baskets				Brooms,Baskets	
	Manual sweeping (%)	100	55%		100%	100%		100%	100%	100
	Mechanical sweeping (%)	0	-		0	0		0	0	0
	Whether long handle broom used by sanitation workers (Yes/No)	yes	Yes		Yes	Yes	YES	Yes	YES	Yes
	Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)	No	Yes		No	Yes	NO	No	YES	Yes
	Whether handcart/tricycle is containerized (Yes/No)	No	No		NA	Yes	NO	NO	YES	Yes
	Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)		Yes		No	no	NO	NO	YES	Yes
Secondary Waste Storage facilities										
<i>No. and type of waste storage depots in the city/town</i>										
Open waste storage sites	Number	0	0		0	0	0	0	0	3
	Capacity	0	0		0	0	0	0	0	3
Masonry bins	Number	0	0		0	0	0	0	0	0
	Capacity	0	0		0	0	0	0	0	0
Cement concrete cylinder bins	Number	0	0		0	0	0	0	0	0
	Capacity	0	0		0	0	0	0	0	0
Dhala/coversd rooms/space	Number	0	0		0	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Once a week	0	0		0	0	0	0	0	0
	Occasionally	0	0		0	100	0	0	0	0
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	no	Nil		NA	No	NO	No	0	No
	No. of green bins:	0	0		0	0	0	NIL	0	0
	No. of blue bins:	0	0		0	0	0	NIL	0	0
	No. of black bins:		0		0	0	0	NIL	0	0
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage		0		NA	100	NIL	NIL	0	
	(%) of Manual Lifting of solid waste		0		0	100	NIL	100	0	100
	(%) of Mechanical lifting	0	0		0	0	NIL	NIL	0	0
	If mechanical- specify the method used Front-end loaders/ Top loaders	nil	0		0	0	NIL	NIL	0	Na
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	yes	Yes		No	No	YES(NON BIO-DEGRADABLE)	Yes		Yes (Non bio degradable)
	Waste Transportation per day , Type and Number of vehicles used									
	Number of	0	0		0	0	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Frequency of transportation of waste									
	Daily		95%		100	100	0	100	100	100
	Alternate day	0	0		0	0	0	0	0	0
	Twice a week	0	0		0	0	0	0	0	0
	Once a week	0	0		0	0	0	0	0	0
	Occasionally	0	0		0	0	0	0	0	0
	Quantity of waste transported each day (/tpd)		1.5		0.2	0.5	0.1	2.5	1.5	4
	Percentage of total waste transported daily (%)	80%	95%		0		100	100	100	100
	Waste Treatment Technologies used		Thumboormozhi		0	0	BAILING,SHRED DING	Windrow Compost	COMPOSTING AND GAPING	Windrow composting
	Whether solid waste processed daily	yes	Yes		0	0	YES	yes	YES	Yes
	If yes, Quantity of waste processed daily (/tpd)	0.5	5 Tone		0	0	0.5	2.25	1	2
	Whether treatment is done by local body or through an agency	local body	Local body		L B	Under Construction	LB	LB	ULB	LB
	Land(s) available with the local body for waste processing (in Hectares)	0	4. 1/2 acrs		0	0.1615	0	0.98	3.5ACR	2
	Land currently utilized for waste processing	0	4. 1/2 acrs		Nil	Nil		0.13 HECTERE	2 ACR	0.5
	Solid waste processing facilities in operation	0	19 Thumboormuzhi		Nil	Nil	0	Windrow Compost	COMPOSTING AND GAPING	Windrow composting

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Solid waste processing facilities under construction		-		Nil	Under Construction			MCF,RRF	Rendering plant
	Distance of processing facilities from city/town boundary	0	In city limit		0	4		5	2.5	4.5
<i>Details of technologies adopted</i>										
	Composting	Qty. raw material processed	NA	0	0	Nil	0	2.25	0	2
		Qty. final product produced	0	0	0	Nil	0	0.34	0	0.5
		Qty. sold	0	0	0	Nil	0		NIL	0.5
		Quantity of residual waste landfilled	0	0	0	Nil	0	0	0	0
	Qty. raw material processed	0	0	0	0	Nil	0	0	1	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Vermi composting	Qty. final product produced	0	0	0	Nil	0	0	0.3	0
		Qty. sold	0	0	0	Nil	0	0	0	0
		Quantity of residual waste landfilled	0	0	0	Nil	0	0	0	0
	Bio-methanation	Qty. raw material	0	0	0	Nil	0	0	0	0
		Qty. final product	0	0	0	Nil	0	0	0	0
		Qty. sold	0	0	0	Nil	0	0	0	0
		Quantity of residual waste landfilled	0	0	0	Nil	0	0	0	0
		Qty. raw material processed	0	0	0	Nil	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Refuse Derived Fuel	Qty. final product produced	0	0	0	Nil	0	0	0	0
		Qty. sold	0	0	0	Nil	0	0	0	0
		Quantity of residual waste landfilled	0	0	0	Nil	0	0	0	0
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	0	0	0	Nil	0	0	0	0
		Qty. final product produced	0	0	0	Nil	0	0	0	0
		Qty. sold	0	0	0	Nil	0	0	0	0
		Quantity of residual waste landfilled	0	0	0	Nil	0	0	0	0

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Co-processing	Qty. raw material processed								
		0	0		0	Nil	0	0	0	0
	Combustible waste supplied to cement plant	0	0		0	Nil	0	0	0	0
	Combustible waste supplied to solid waste based power plants	0	0		0	Nil	0	0	0	1
	Others	Qty	0		0	Nil	0	0	0	0
Solid waste disposal facilities			0		0				0	
	No. of dumpsites available with the local	0	1		0	Nil	NIL	0	0	1
	No. of sanitary landfill sites available with the local body	0	Nil		0	N/A	NIL	0	0	1
	Area of each such site available for waste disposal sites	0	4.5 Acre		0	N/A	NIL	1	0	2
	Area of land currently used for waste disposal	0	1 acr		0	N/A	NIL	0.13	2ACR	0.5
	Distance of dumpsite/landfill facility from city/town (kms)	NA	3 1/2 Km		0	N/A	NIL	NA	2.5	4.5
	Distance from the nearest habitation (kms)	0	10 M		0	N/A	NIL		1	1
	Distance from water body (kms)	0	1Km		0	N/A	NIL	3	1	1

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Distance from state/national highway (kms)	0	3 Km		0	N/A	NIL	5	2	5
	Distance from Airport (kms)	0	0		0	N/A	NIL	18	25	12
	Distance from important religious place or historical monuments (kms)	0	1 Km		0	N/A	NIL	5	2.5	2
	Whether it falls in flood prone area (Yes/No)	0	0		0	N/A	NIL	NO	NO	No
	Whether it falls in earthquake fault line area (Yes/No)	0	No		0	N/A	NIL	NO	NO	No
	Quantity of waste landfill each day (/tpd)	0	1 1/2 ton		0	N/A	NIL	NIL	NO	1
	Whether landfill site is fenced (Yes/No)	0	Yes		0	No	NIL	no	NO	Yes
	Whether Lighting facility is available on site (Yes / No)	0	Yes		0	No	NIL	yes	NO	Yes
	Whether Weigh bridge facility available	0	No		0	No	NIL	NO	NO	No
	Vehicles and equipments used at landfill (specify)	0	Yes		0	No	NIL	NIL	NIL	nil
	Man power deployed at landfill site	0	Nil		0	No	NIL	NA	NIL	Yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
	Whether covering is done on daily basis (Yes / No)	0	NO		0	No	NIL	NA	NO	Yes
	If not, Frequency of covering the waste deposited at landfill/NA	0	once in 6 Months		0	N/A	NIL	NA	ONCE IN A YEAR	Na
	Cover material used	0	Soil		0	N/A	NIL	NA	SOIL	Soil
	Whether adequate covering material is available (Yes / No)	0	Yes		0	N/A	NIL	NA	YES	Yes
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)	0	No		0	N/A	NIL	Nil	NIL	No
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)	0	No		0	N/A	NIL	NIL	NIL	No
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes /	NA	No		0	N/A	yes		YES	Yes
	What separate provisions are made for : (Attach details on Proposals,Steps	Nil	NO		0	N/A	NA		NA	Na
10	Dairy related activities	Nil	-		0	N/A	NIL		NO	Nil
	Slaughter houses waste:	Nil	-		0	N/A	NIL		NO	Nil
	C&D waste (construction debris):	Nil	-		0	N/A	NIL		NO	Nil
11	Details of Post closure Plan (Attach Plan)	Nil	-		0	N/A	nil		NO	Nil

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY										
SI No		71	72	73	74	75	76	77	78	79
Corporation / Municipality										
District		Wayanad								
1	Name of the City/Town	Ramanattukara	Vadakara	Kalpetta	Mananthavady	Sulthanbathery	Anthoor	Iritty	Koothuparambu	Mattanur
12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)	No	NO		No	N/A	0		0	0
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste	5 sanitation workers	68		21	N/A	13		14	22
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste	Nil	63		0	N/A	Harithakarmasena members 28			SHG members 17 Haritha karmasena 35
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules	NA	NA		Lack of Land	N/A	NIL		LACK OF LAND,PEOPLES PROTEST	Nil
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	Na	NA		NA	N/A	NIL		NIL	Nil
Date of submission of report		11/06/2020	18-04-2020		18.04.2020	17/04/2020	13/05/20		22/04/2020	17/*4/202
Place-		Ramanattukara	Vadakara		Mananthavady	Sulthan Bathery	ANTHOOR		KUTHUPARAMB A	Mattannur

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY								
SI No	80	81	82	83	84	85	86	87
Corporation / Municipality								
District	Kannur				Kasaragod			
1 Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram
2 Population	56652	72131	33489	92864	44294	73536		40802
3 Area in sq. kilometers	29	54.63	68.72	23.98	18.96	39.54		22.67
4 Name & Address of the local body	MUNICIPAL OFFICE PANOOR		Sreekanthapuram Municipality	thalassery municipality thalassery	Municipal Office, Court road, Taliparamba-670141			nileshwar municipality, nileshwar (PO)-Kasaragod Dist, 671314
Telephone No.:	4902311340	4985202067	4602230261	4902341591	4602202259	4672204530		4672280360
Fax No.:					Nil			
E-mail:	panoormunicipality2015@gmail.com	secypynr@gmail.com	skpm.gov@gmail.com	thalasserymunicipality@gmail.com	secthaliparamba@gmail.com	knhdmlty@gmail.com		nileshwarammty@gmail.com
5 Name of officer in-charge dealing with solid waste management (SOLID WASTEM)	Majeed. V.K	K P Rajagopal	C.Abdul Rafeek	Usman Chaliyadan Health Supervisor	Byju P P	A P RENJITH KUMAR H I Ist		k p subair Health Inspector Gr I
	Phone No.:	8606413005	9447384141	8848182053	9495066380	9846164664	9995993618	9895474397
	Fax No.:					0		
	E-mail:			rafeekcputhukkudi@gmail.com	thalasserymunicipality@gmail.com	ppbyjuknr@gmail.com	knhdmlty@gmail.com	zaziiz1@gmail.com
6 Number of households in the city/town	13214	17061	8885	24317	10300	21000		11921

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		80	81	82	83	84	85	86	87
Corporation / Municipality									
District	Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram
	Number of non-residential premises in the city/ town	1374	3681	3395	8256	4250	2893		1502
	Number of election/administrative wards in the city/town	40	44	30	52	34	43		32
7	Quantity of solid waste (solid waste)	17.5	15 mt	8.5 MT (per Year)	5TPD	985.5	23		8tpd
	Estimated Quantity of solid waste generated in the local body area per day in metric tones (/tpd)	17.5	15 mt	0.0236	5TPD	2.7	23		8
	Quantity of solid waste collected per day (/tpd)	2.5	6	0.5	5TPD	1.5	8		1
	Per capita waste collected per year(/gm/day)	400	805		53.8	225	21kg		250
	Quantity of solid waste processed(/tpd)	0	6		5TPD	1.5	20		8
	Quantity of solid waste disposed at dumpsite/landfill(/tpd)	0	0	0	NIL	0	NIL		0
	Status of Solid Waste Management service				Functional		HARITHAKARM ASENA		

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		80	81	82	83	84	85	86	87
Corporation / Municipality									
District		Kannur				Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram
8	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, (Yes/No)	yes	yes	Yes	YES	Yes	YES		yes
	Percentage of households practice storage of waste at source in domestic bins (%)	60	70	80	60	95			80
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins (%)	90	10	90	60	95			90
	Percentage of household dispose or throw solid waste on the streets (%)	0	8	0	10	0	2%		0
	Percentage of non-residential premises dispose or throw solid waste on the streets (%)	0	9	0	20	0	2%		0
	Whether SOLID WASTE is stored at source in segregated form. (Yes/No)	Yes	NO	Yes	YES	Yes	YES		yes
	Percentage of premises segregating the waste at source	80	0	90	80	100	90%		100
	Door to Door collection of solid waste								
	Whether door to door collection (D2D) is being done in the city/town	Yes	yes	Yes	YES	Yes	YES		yes

Form – IV [see rules 15(za), 24(2)] FORMAT FOR ANNUAL REPORT ON SOLID WASTE MANAGEMENT TO BE SUBMITTED BY THE LOCAL BODY									
SI No		80	81	82	83	84	85	86	87
Corporation / Municipality									
District		Kannur				Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram
	Number of wards covered in D2D collection of waste	40	44	30	52	34	43		32
	No. of households covered	7930	17061	7108	12500	9000	21000		11921
	No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/offices etc. covered	0	2600	1200	100	800	821		1502
	Percentage of residential and non-residential premises covered in door to door collection through: Motorized vehicle (%)	10	100	80	NIL	70	90%		100
	"": Containerized tricycle/handcart (%)	10		0	60	0			0
	"": Other device (%)	0		0	40	0	90%		0
	adopted		na		manual				na
	Sweeping of streets		yes		once in a day		YES		yes
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned (km)	6	16 km	4	8Km	3	3km		1.8
	<i>Frequency of street sweepings and percentage of population covered</i>								
	Daily	30	30	20	50	20	30		20
	Alternate day	10	20	20	30	40			40
	Twice a week	20	10	40	10	40			10

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SI No		80	81	82	83	84	85	86	87	
Corporation / Municipality										
District		Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Occasionally (%)	40	40	20	10	40			40	
Tools used		shovel hand cart								
Manual sweeping (%)		100	100	100	100	100	100%		100	
Mechanical sweeping (%)		0		0	0	0	NIL		0	
Whether long handle broom used by sanitation workers (Yes/No)		Yes	yes	Yes	Yes	Yes	YES		yes	
Whether each sanitation worker is given handcart/tricycle for collection of waste (Yes/No)		Yes	yes	No	No	Yes	YES		yes	
Whether handcart/tricycle is containerized (Yes/No)		No	yes	Yes	No	No	NO		yes	
Whether the collection tool synchronizes with collection/waste storage containers utilized (Yes/No)		No	yes	Yes	Yes	No	NO		yes	
Secondary Waste Storage facilities										
<i>No. and type of waste storage depots in the city/town</i>										
Open waste storage sites	Number	0	0	0	0	0	0		0	
	Capacity	0	0	0	0	0	0		0	
Masonry bins	Number	0	0	0	0	0	0		0	
	Capacity	0	0	0	0	0	0		0	
Cement concrete cylinder bins	Number	0	0	0	0	0	0		0	
	Capacity	0	0	0	0	0	0		0	
Dhalao/covered rooms/spaces	Number	0	0	0	0	0	0		0	

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Corporation / Municipality										
District		Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Open/covered rooms/spaces	Capacity	0	0	0	0	0		0	
	Covered metal/plastic containers	Number	0	0	0	104	0	0	0	
		Capacity	0	0	0	4.59	0	0	0	
	Upto 1.1 m3 bins	Number	0	0	0	104	0	0	0	
		Capacity	0	0	0	4.59	0	0	0	
	2 to 5 m3 bins	Number	0	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	0	
	Above 5 m3 containers	Number	0	0	0	0	0	0	0	
		Capacity	0	0	0	0	0	0	0	
	Bin-less city	Number	0	0	1	0	0	0	0	
		Capacity	0	0	0	0	0	0	0	
Bin/population ratio						0	0		0	
Ward wise details of waste storage depots (attach) Ward No.:										
Area: Population:										
Number of bins placed:					Each ward have 2 bins total 104	0	0		0	
Total volume of bins placed:		0	0							
Total storage capacity of waste storage facilities in cubic meters`		0	15	-	7904M3	0	0		0	
Total waste actually stored at the waste storage depots daily		2	6	1	7800M3	0	0		0	
<i>Frequency of collection of waste from the depots</i>										
Daily		Number of bins	0	60	0	0	0	0	0	
Alternate day			0	10	0	0	0	0	0	
Twice a week			0	20	0	0	0	0	0	

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	SI No	80	81	82	83	84	85	86	87	
	Corporation / Municipality									
	District	Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Once a week	cleared	0	0	0	104	0	0	0	
	Occasionally		100	10	100	0	0	0		
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins (Yes/ No)	NO	No	no	NO	No	NO		no	
	No. of green bins:	0	0	0	0	0	0		0	
	No. of blue bins:	0	0	0	0	0	0		0	
	No. of black bins:	0	0	0	0	0	0		0	
	Whether lifting of solid waste from storage depots in manual of mechanical. Give percentage	Nil			Manual		NO		0	
	(%) of Manual Lifting of solid waste	Nil	100	100	100	100	100%		100	
	(%) of Mechanical lifting	Nil		0	0	0	0		0	
	If mechanical- specify the method used Front-end loaders/ Top loaders	Nil	na	NA	Na	NA	NA		na	
	Whether Solid waste is lifted from door to door and transported to treatment plant directly in a segregated from (Yes/No) . If Yes, specify	no	Yes	Yes	Yes	Yes	YES		yes	
	Waste Transportation per day , Type and Number of vehicles used									
	Number of	0	0	0	0	0			0	

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SI No		80	81	82	83	84	85	86	87	
Corporation / Municipality										
District		Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Animal cart	Trips made	0	0	0	0	0		0	
		Waste	0	0	0	0	0		0	
	Tractors	Number of	0	1	0	0			0	
		Trips made	0	2	0	0			0	
		Waste	0	6	0	0			0	
	Non tipping Truck	Number of	0	0	0	1	0	3	0	
		Trips made	0	0	0	3	0	3	0	
		Waste	0	0	0	0.5TPD	0	8	0	
	Tipping Truck	Number of	0	0	0	0	1		1	
		Trips made	0	0	0	0	0		0	
		Waste	0	0	0	0	0.005		1	
	Dumper Placers	Number of	0	0	0	0	0		0	
		Trips made	0	0	0	0	0		0	
		Waste	0	0	0	0	0		0	
	Refuse collectors	Number of	0	0	0	1	0		0	
		Trips made	0	0	0	4	0		0	
		Waste	0	0	0	0.5TPD	0		0	
	Compactors	Number of	0	0	0	0	0		0	
		Trips made	0	0	0	0	0		0	
		Waste	0	0	0	0	0		0	
	Others	Number of	1	0	1	0	0		0	
		Trips made	1	0	1	0	0		0	
		Waste	0.05	0	0.5	0	0		0	
	JCB/loader	Number of	0	0	0	1	0		0	
		Trips made	0	0	0	1	0		0	
		Waste	0	0	0	1TPD	0		0	

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Corporation / Municipality									
District		Kannur				Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram
Frequency of transportation of waste									
	Daily	0	60	100	60	100	DAILY		100
	Alternate day	0	10	0	20	0			0
	Twice a week	100	20	0	10	0			0
	Once a week	0	0	0	10	0			0
	Occasionally	0	10	0	0	0			0
	Quantity of waste transported each day (/tpd)	1.2	6	0.5	5TPD	0	8		0
	Percentage of total waste transported daily (%)	20	100	100	100	0	20%		0
	Waste Treatment Technologies used		composting	Composting, Bailing, Shredding	composting	Composting, Bailing, Shredding	SHREDDING, BAILING, THUMBOORMU		0
	Whether solid waste processed daily		yes	Yes	yes	Yes	YES		yes
	If yes, Quantity of waste processed daily (/tpd)		6	0.5	5TPD	1.5	20		1
	Whether treatment is done by local body or through an agency		LB	LB	ULB	Agency	AGENCY		local body
	Land(s) available with the local body for waste processing (in Hectares)		1	2 Acre	1 HECTRE	1.80 Acre	0.5		0.8
	Land currently utilized for waste processing		0.5	45 cent	1HECTRE	1 acre	0.5		.8 acre
	Solid waste processing facilities in operation		composting		Thumburmozhi, biogas plant	composting, (windrow,Thumbo	SHREDDING, BAILING, THUMBOORMU		bailing and sgreddhng

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	Corporation / Municipality									
	District	Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Solid waste processing facilities under construction				NIL		NIL			
	Distance of processing facilities from city/town boundary		2	3	2KM	2.5 Km	3km		2	
	<i>Details of technologies adopted</i>									
	Composting	Qty. raw material processed	2	0.2	200Kg /day	1.5	0		1	
		Qty. final product produced	1.75	0.1	100Kg/day	0.4	0		0	
		Qty. sold	0	0	2T	0.4	0		0	
		Quantity of residual waste landfilled	0.25	0.05	2T	0	0		0	
	Qty. raw material processed	0	0		NIL	0	0		0	

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Corporation / Municipality										
District		Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Vermi composting	Qty. final product produced	0	0	0	0	0		0	
		Qty. sold	0	0	0	0	0		0	
		Quantity of residual waste landfilled	0	0	0	0	0		0	
	Bio-methanation	Qty. raw material	0	0	0	0	0		0	
		Qty. final product	0	0	0	0	0		0	
		Qty. sold	0	0	0	0	0		0	
		Quantity of residual waste landfilled	0	0	0	0	0		0	
		Qty. raw material processed	0	0	NIL	0	0		0	

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	Corporation / Municipality									
	District	Kannur					Kasaragod			
1	Name of the City/Town	Panoor	Payyanur	Sreekantapuram	Thalassery	Thaliparambu	Kanhangad	Kasaragod	Nileshwaram	
	Refuse Derived Fuel	Qty. final product produced	0	0	0	0	0		0	
		Qty. sold	0	0	0	0	0		0	
		Quantity of residual waste landfilled	0	0	0	0	0		0	
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed	0	0	NIL	0	0		0	
		Qty. final product produced	0	0	0	0	0		0	
		Qty. sold	0	0	0	0	0		0	
		Quantity of residual waste landfilled	0	0	0	0	0		0	

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Corporation / Municipality									
District		Kannur				Kasaragod			
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	Co-processing	Qty. raw material processed	0	0	NIL	0	0		0
	Combustible waste supplied to cement plant		0	0	NIL	50 ton	190tone/year		0
	Combustible waste supplied to solid waste based power plants		0	0	NIL	0	0		0
	Others	Qty	0	0	Clean Kerala Company quantity 20 T	0	0		1
Solid waste disposal facilities									
	No. of dumpsites available with the local		1	Nil	1	0	1		0
	No. of sanitary landfill sites available with the local body		1	Nil	NIL	0	0		0
	Area of each such site available for waste disposal sites		1	Nil	1Hectre	0	0		0
	Area of land currently used for waste disposal		0.5	Nil	1Hectre	0	0.5		0
	Distance of dumpsite/landfill facility from city/town (kms)		2	Nil	2KM	0	3km		0
	Distance from the nearest habitation (kms)		0.2	Nil	500M	0	150m		0
	Distance from water body (kms)		5	Nil	200M	0	6km		0

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Corporation / Municipality									
District	Kannur					Kasaragod			
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	Distance from state/national highway (kms)		2	Nil	2KM	0	10m		0
	Distance from Airport (kms)		60	Nil	28KM	0	300km		0
	Distance from important religious place or historical monuments (kms)		2.5	Nil	2KM	0	10m		0
	Whether it falls in flood prone area (Yes/No)		No	Nil	YES	0	NO		no
	Whether it falls in earthquake fault line area (Yes/No)		No	Nil	NO	0	NO		no
	Quantity of waste landfill each day (/tpd)		0.25	Nil	NIL	0	0		
	Whether landfill site is fenced (Yes/No)		yes	Nil	NA	0	NO		no
	Whether Lighting facility is available on site (Yes / No)		yes	Nil	YES	0	NA		na
	Whether Weigh bridge facility available		No	Nil	NO	0	NA		na
	Vehicles and equipments used at landfill (specify)		yes	Nil	NO	0	NA		na
	Man power deployed at landfill site		yes	Nil	NO	0	NA		na

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	Corporation / Municipality									
	District	Kannur					Kasaragod			
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	Whether covering is done on daily basis (Yes / No)		yes	Nil	NO	0	NA		na	
	If not, Frequency of covering the waste deposited at landfill/NA			Nil	No landfill area	0	NA		na	
	Cover material used		soil	Nil	NA	0	NA		na	
	Whether adequate covering material is available (Yes / No)		yes	Nil	NO	0	NA		na	
	Provisions for gas venting provided (Yes / No) (if yes, attach technical data sheet)		No	Nil	NO	0	NA		na	
	Provision for leachate collection (Yes / No) (if yes, attach technical data sheet)		No	Nil	NO	0	NA		NA	
9	Whether an action plan has been prepared for improving solid waste management practices in the city (Yes / No)		No	Yes	YES	0	NA		NA	
	What separate provisions are made for : (Attach details on Proposals,Steps)		NA	NA	NA	0	NA		NA	
10	Dairy related activities		Nil	Nil	over grasses,	0	NIL		NIL	
	Slaughter houses waste:		Nil	Nil	house are	Nil	NIL			
	C&D waste (construction debris):		nil	using for		Nil	NIL			
11	Details of Post closure Plan (Attach Plan)		nil	Nil	before state Govt	NIL	NIL		NIL	

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District	Kannur					Kasaragod			
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12	How many slums are identified and whether these are provided with solid waste management facilities: (Yes/ No) (if Yes, attach details)		0	0	4 yes ring compost pipe	0	NIL		NIL
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal waste		24	8	135 no	25	27		7
14	Give details of : Contractor/concessionare's manpower deployed for collection including street sweeping, secondary storage, transportation, processing & disposal of waste		54	Harithakaramasena 30	NIL	HKS 34 members	43 HARITHAKARM ASENA		32 HKS VOLENTEERS
15	Mention briefly, the difficulties being experienced by the local body in compliance with provisions of these rules		nil	Nil	Lack of land proposal for setting up of waste to electricity plant in district level	NA	NIL		NIL
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		Nil	Nil		Na	NIL		NIL
	Date of submission of report		07/04/2020	18/04/2020	22/04/2020	17/04/2020	21/04/2020		17/04/2020
	Place-		PAYYANNUR	Sreekandapuram	Thalassery	Taliparamba	KANHANGAD		NILESHWAR