

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

IN

**ORIGINAL APPLICATION NO. 514 of 2019(PB)
RENUMBERED AS OA 77 of 2021 (SZ)
And**

**ORIGINAL APPLICATION No. OA 442/2013(SZ)
And**

**ORIGINAL APPLICATION No. OA 20/2017(SZ)
And**

ORIGINAL APPLICATION No. OA 276/2017(SZ)

VOLUME 2

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Dated this the 29th day of July 2021

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1.STATUS OF DETAILS ON SOLID WASTE MANAGEMENT REPORTED BY URBAN LOCAL BODIES IN ERNAKULAM DISTRICT								
Name of ULB	Kochi Corporation		Aluva		Angamaly		Eloor	
Population	677000		24110		33465		31468	
Year	2021	2020	2021	2020	2021	2020	2021	2020
Dry (household %)	75-100	75-100	75-100	50-75	75-100	0	75-100	Not Given
Dry (establishment %)	50-75	50-75	<25	<25	<25	0	75-100	75-100
Quantity of Waste generated based on population(TPD)	326	326	10	10	14	14	14	14
Quantity of Waste generated as reported (TPD)	326	326	10	10	10	10	10	10
No. Of HKS	1200	1200	Not Given	Not Given	Not Given	Not Given	81	81
MCF	53	5	1	nil	1	nil	1	1
RRF	5	3	1	nil	1	0	0	nil
Quantity of Waste treated (TPD) as reported	206	211	3.078	8	3.1	0	Not given	2
Quantity of waste processed in composting sites(TPD)	206	211	nil	nil	nil	nil	Nil	1
Quantity of Waste processed in biomethanation (TPD)	nil	nil	nil	nil	1	nil	Nil	1
Quantity of Waste processed in waste to energy plants (TPD)	nil	nil	nil	nil	Nil	nil	Nil	Nil
Quantity of Waste processed in Landfill (TPD)	100	97	nil	nil	Nil	nil	Nil	Nil
Quantity of waste treated using pipe compost (TPD) in households	3	Not Given	0.055 compost pit-0.263 tpd	Not Given	2	Not Given	0	Not Given
Quantity of waste treated using kitchen bin facilities (TPD)	nil	Not Given	NIL	Not Given	0	Not Given	0	Not Given
Quantity of waste treated using biogas plant (TPD)(Household level)	6	Not Given	1.17	Not Given	1	Not Given	0	Not Given
Quantity of waste treated using biocomposter, biobin, pot bin etc at household level (TPD)	11	Not Given	1.59	Not Given	0.1	Not Given	Not Given	Not Given
Quantity of waste treated using aerobins at community level (TPD)	nil	Not Given	NIL	Not Given	0	Not Given	Not Given	Not Given

2.STATUS OF DETAILS ON SOLID WASTE MANAGEMETN REPORTED BY URBAN LOCAL BODIES IN ERNAKULAM DISTRICT						
Name of ULB	Koothattukulam		Kalamassery		Kothamangalam	
Population	17942		71038		114574	
Year	2021	2020	2021	2020	2021	2020
Dry (household %)	75-100	Not Given	25-50	25-50	75-100	<25
Dry (establishment %)	<25	0		25-50	<25	<25
Quantity of Waste generated based on population (TPD)	8	8	30	30	48	48
Quantity of Waste generated as reported (TPD)	0.6	0.6	16	14	7.7	5
No. Of HKS	0	0	19	19	2	2
MCF	1	nil	1	1	1	1
RRF	0	1	1	1	1	1
Quantity of Waste treated (TPD) as reported	14	Not Given	16	14	6.5	5
Quantity of waste processed in composting sites(TPD)	Nil	Not Given	Nil	Nil	nil	Nil
Quantity of Waste processed in biomethanation (TPD)	Nil	Not Given	Nil	Nil	nil	Nil
Quantity of Waste processed in waste to energy plants (TPD)	Nil	Not Given	Nil	Nil	1	Nil
Quantity of Waste processed in Landfill (TPD)	Nil	Not Given	Nil	Nil	nil	Nil
Quantity of waste treated using pipe compost (TPD) in households	Not Given	Not Given	no	Not Given	0	Not Given
Quantity of waste treated using kitchen bin facilities (TPD)	Not Given	Not Given	no	Not Given	3	Not Given
Quantity of waste treated using biogas plant (TPD)(Household level)	Not Given	Not Given	no	35 numbers provided and 38 in establishment	1	Not Given
Quantity of waste treated using biocomposter, biobin, pot bin etc at household level (TPD)	Not Given	Not Given	no	Not Given	0	Not Given
Quantity of waste treated using aerobins at community level (TPD)	Not Given	Not Given	no	Not Given	0	Not Given

STATUS OF DETAILS ON SOLID WASTE MANAGEMENT REPORTED BY URBAN LOCAL BODIES IN ERNAKULAM DISTRICT								
Name of ULB	Muvattupuzha		North Paravur		Maradu		Perumbavoor	
Population	30397		31503		44704		28110	
Year	2021	2020	2021	2020	2021	2020	2021	2020
Dry (household %)	75-100	<25	50-75	50-75	<25	<25	<25	<25
Dry (establishment %)	<25	Not Given	75-100	75-100	<25	<25	<25	<25
Quantity of Waste generated based on population(TPD)	13	13	14	14	19	19	12	12
Quantity of Waste generated as reported (TPD)	5	5	12.27	12.27	Not Given	Not Given	10	10
No. Of HKS	49	49	Not Given	Not Given	Not Given	Not Given	185	185
MCF	1	1	2	1	1	4	1	1
RRF	0	0	0	1	1	1	1	1
Quantity of Waste treated (TPD) as reported	1.07	3	4	3.12	2	Not Given	2.579	3.2
Quantity of waste processed in composting sites(TPD)	nil	3	nil	nil	nil	Not Given	nil	2
Quantity of Waste processed in biomethanation (TPD)	nil	nil	0.001	nil	nil	Not Given	0	0
Quantity of Waste processed in waste to energy plants (TPD)	nil	nil	0	nil	nil	Not Given	0	0
Quantity of Waste processed in Landfill (TPD)	nil	nil	0		nil	Not Given	1.2	1.2
Quantity of waste treated using pipe compost (TPD) in households	0.1	Not Given	0.36	2	0	0	0.174	0.174
Quantity of waste treated using kitchen bin facilities (TPD)	nil	Not Given	0.001	NIL	0	NIL	0	NIL
Quantity of waste treated using biogas plant (TPD)(Household level)	0.01	Not Given	0.001	affected by flood	0	Not Given	0.08	Not Given
Quantity of waste treated using biocomposter, biobin, pot bin etc at household level (TPD)	0.45	Not Given	3.6	2	0	Not Given	0.5	0
Quantity of waste treated using aerobins at community level (TPD)	510kg	Not Given	0	Not Given	0	Not Given	1	1

4. STATUS OF DETAILS ON SOLID WASTE MANAGEMETN REPORTED BY URBAN LOCAL BODIES IN ERNAKULAM DISTRICT						
Name of ULB	Piravam		Thrikkakkara		Thripunithura	
Population	27229		77319		92522	
Year	2021	2020	2021	2020	2021	2020
Dry (household %)	25-50	25-50	75-100	75-100	<25	75-100
Dry (establishment %)	25-50	75-100	50-75	50-75	75-100	75-100
Quantity of Waste based on population(TPD)	12	12	33	33	39	39
Quantity of Waste generated as reported (TPD)	5.8	1.54	5	5 tones	5	5 tones
No. Of HKS	66	66	12	12	64	64
MCF	4	1	1	nil	1	1
RRF	1	1	0	nil	0	nil
Quantity of Waste treated (TPD) as reported	2.64	0.4	1	Quantity not given(given as composting at Brahmapuram)	4.5	Quantity not given(given as composting at Brahmapuram)
Quantity of waste processed in composting sites(TPD)	1.74	0.8	NIL	NIL	Nil	Nil
Quantity of Waste processed in biomethanation (TPD)	0	0	NIL	NIL	Nil	Nil
Quantity of Waste processed in waste to energy plants (TPD)	0.95	0.34	NIL	NIL	Nil	Nil
Quantity of Waste processed in Landfill (TPD)	0	0	NIL	NIL	NA	NA
Quantity of waste treated using pipe compost (TPD) in households	0.5 TPD	0.6	0	0	PIPE COMPOST-0.2 TPD BUCKET COMPOST-0.8 TPD	0
Quantity of waste treated using kitchen bin facilities (TPD)	0	NIL	0	NIL	0.1	0.1
Quantity of waste treated using biogas plant (TPD)(Household level)	0.7	Not Given	0.008	Not Given	0.8	Not Given
Quantity of waste treated using biocomposter, biobin, pot bin etc at houshold level (TPD)	0.4	0.174	0.9	0.6	0.74	0.74
Quantity of waste treated using aerobins at community level (TPD)	0	Not Given	0	Not Given	0.13	0.13