



BBMP WARD TEMPLATE FOR MICROPLANNING - FEBRUARY 2017

ZONE NAME:	EAST
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WARD NAME	MANORAYANA PALYA
WARD NO:	33

DATA	
Total Households	12546
Slum HHs	1079
HHs in Large Apts. (> 50 units)	56
Regular HHs	11411
HHs - High Income	8205
HHs - Mixed Type	2584
HHs - Low Income	420

NO OF HH'S BLOCKS
17

BBMP ASSETS	
Push Carts	-
Auto Tippers/Luggage Autos	-
Compactors	-
PKs	-
Adjustments (+/-)	
Push Carts	-
Auto Tippers/Luggage Autos	-

INFRASTRUCTURE AVAILABLE WITH CONT
Push Carts
Auto Tippers
Luggage Autos
Auto Tipper Drivers
Auto Tipper Helpers
Sweepers
Pushcart Handlers
Supervisors
Compactors 10T
Compactors 5T
Drivers - Secondary
Helpers - Secondary

Commerical Establishments	
Small Shops & Clinics	906/49
Retail Units, Offices & Educational Inst.	46/33
Small Markets & Temples	20
Vegetable vendors	76
Street Sweeping	
Major Roads	0.40 KM
Intermediary Roads	7.40 KM
Minor Roads	27.40 KM

Astt Exec Engineer, Sub-Division

Exec, Engineer, Division

Ast Engineer, ward

Health Inspector, ward

FACTOR
20
5
14
19
19

84
20
5
1
1
2
6

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-01

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	60
	Retail Units, Offices and Educational Inst.	7
	Small Markets & Temples	5
	Street Vendors	3
3	Total Road Length (in kms)	
	Major	0.1 KM
	Intermediate	
	Minor	1.8 KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-04-D-8822
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-02

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	52
	Retail Units, Offices and Educational Inst.	2
	Small Markets & Temples	1
	Street Vendors	1
3	Total Road Length (in kms)	
	Major	
	Intermediate	
	Minor	1.6KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-04-D-6751
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-03

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	52
	Retail Units, Offices and Educational Inst.	2
	Small Markets & Temples	0
	Street Vendors	3
3	Total Road Length (in kms)	
	Major	
	Intermediate	
	Minor	1.7KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-04-B-386
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-04

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	34
	Retail Units, Offices and Educational Inst.	7
	Small Markets & Temples	0
	Street Vendors	4
3	Total Road Length (in kms)	
	Major	
	Intermediate	
	Minor	1.0KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	2
	Auto Tipper (mention vehicle no.)	KA-51-5830
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-05

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	30
	Retail Units, Offices and Educational Inst.	1
	Small Markets & Temples	0
	Street Vendors	4
3	Total Road Length (in kms)	
	Major	0.1KM
	Intermediate	
	Minor	1.7KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-01-C-48
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-06

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	35
	Retail Units, Offices and Educational Inst.	4
	Small Markets & Temples	0
	Street Vendors	2
3	Total Road Length (in kms)	
	Major	0.1KM
	Intermediate	
	Minor	1.3KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-04-AB-3817
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-07

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	11
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	170
	Retail Units, Offices and Educational Inst.	12
	Small Markets & Temples	3
	Street Vendors	2
3	Total Road Length (in kms)	
	Major	0.1KM
	Intermediate	
	Minor	1.0KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	
	Auto Tipper (mention vehicle no.)	KA04D7775
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA50A5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-08

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	35
	Retail Units, Offices and Educational Inst.	12
	Small Markets & Temples	2
	Street Vendors	1
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.9KM
	Minor	1.5KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	
	Auto Tipper (mention vehicle no.)	KA-15-3037
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-09

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	57
	Retail Units, Offices and Educational Inst.	4
	Small Markets & Temples	3
	Street Vendors	1
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.8KM
	Minor	1.5KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	
	Auto Tipper (mention vehicle no.)	KA-01-AB-2048
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-10

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	20
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	48
	Retail Units, Offices and Educational Inst.	3
	Small Markets & Temples	0
	Street Vendors	2
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.6KM
	Minor	2.2KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	
	Auto Tipper (mention vehicle no.)	KA-02-D-3007
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-11

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	67
	Retail Units, Offices and Educational Inst.	4
	Small Markets & Temples	5
	Street Vendors	4
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.6KM
	Minor	2.1 KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-53-C-6473
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-12

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	10
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	40
	Retail Units, Offices and Educational Inst.	3
	Small Markets & Temples	1
	Street Vendors	2
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.6KM
	Minor	2.2KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-53-C-6472
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-13

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	16
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	25
	Retail Units, Offices and Educational Inst.	4
	Small Markets & Temples	1
	Street Vendors	3
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.5KM
	Minor	1.9KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	2
	Auto Tipper (mention vehicle no.)	KA-48-A-2820
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-14

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	35
	Retail Units, Offices and Educational Inst.	2
	Small Markets & Temples	2
	Street Vendors	4
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.8KM
	Minor	1.6KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-02-D-1906
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-15

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	62
	Retail Units, Offices and Educational Inst.	1
	Small Markets & Temples	2
	Street Vendors	1
3	Total Road Length (in kms)	
	Major	
	Intermediate	
	Minor	2.1KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-04-D-7771
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-16

GENERATORS		
1	Total no. of Households	
	Regular HHs	750
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	68
	Retail Units, Offices and Educational Inst.	1
	Small Markets & Temples	3
	Street Vendors	6
3	Total Road Length (in kms)	
	Major	
	Intermediate	0.9KM
	Minor	1.4KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	2
	Auto Tipper (mention vehicle no.)	KA-04-AB-8042
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817

BBMP SWM WARD MICROPLAN 2017

WARD NO. 33 (MANORAYANA PALYA)

BLOCK NO-17

GENERATORS		
1	Total no. of Households	
	Regular HHs	546
	Small Apartments/Multi Dwelling Units (MDU) (<50 units)	
	Slums	
2	Total no. of Commercial Establishments	
	Small shops & Clinics	74
	Retail Units, Offices and Educational Inst.	1
	Small Markets & Temples	2
	Street Vendors	1
3	Total Road Length (in kms)	
	Major	
	Intermediate	1.4KM
	Minor	0.8 KM
In-situ waste management		
4	No. of households using home composting/ in-situ techniques	
Collection and transportation		
5	Primary vehicles	
	Pushcarts	1
	Auto Tipper (mention vehicle no.)	KA-04-C-6276
	Luggage Auto (mention vehicle no.)	
6	Secondary vehicles	
	Compactor (mention vehicle no.)	KA-01-AD-8974
	Tipper Lorry (mention vehicle no.)	KA-50-A-5817