



SWACHH SURVEKSHAN 2017





Swachh Bharat Mission

CALL TOLL FREE NUMBER TO BE A PART OF GOVERNANCE

1800-267-2777



सत्यमेव जयते Ministry of Urban Development



EXECUTIVE SUMMARY

As a prelude to encouraging cities to improve urban sanitation, Ministry of Urban Development (MoUD) had conducted a **'Swachh Survekshan-2016'** survey for the rating of 73 cities in January 2016. In a bid to scale up the coverage of the ranking exercise and encourage towns and cities to actively implement mission initiatives in a timely and innovative manner, MoUD now proposes to conduct its second survey to rank 500 cities (with a population of 1 lakh and above) under **Swachh Bharat Mission-Urban** (SBM-U).

The objective of the survey is to encourage large scale citizen participation and create awareness amongst all sections of society about the importance of working together towards making towns and cities a better place to live in. Additionally, the survey also intends to foster a spirit of healthy competition among towns and cities to improve their service delivery to citizens, towards creating cleaner cities.

In order for cities to reap the maximum developmental benefits from the survey, concerted efforts are being taken to strengthen the capacities of the cities to understand the modalities and spirit of the survey. In addition to giving towns and cities more time to prepare for the survey, there will be intensive interactions with ULBs to familiarize them with the survey methodology, survey process and output indicators, and also clarifying their expectations from the survey.

Since citizen participation is a very crucial component of this survey, social media and other traditional media channels will be used strategically at both national, state and city levels in order to educate citizens about the objectives of the survey and survey methodology, as well as to reinforce the importance of their participation in the survey, in order to ensure significantly higher levels of participation from all citizens.

एक कदम स्वच्छता की ओर





SOURCES AND METHODOLOGY OF DATA COLLECTION

The data to be collected for ranking of the cities shall be segregated into 3 main areas: Collection of data from and interactions with Municipal Body Collection of data from Direct Observation Collection of data from Citizen Feedback

Collection of data from municipal body and interactions with officials: MoUD shall ensure that the preliminary data needs to be collected in advance by a process of self-assessment from municipal and other related agencies with regard to solid waste management and toilets. Interaction with officials with regard to the situation assessment is also part of this protocol. Care needs to be taken by the survey agencies that they collect and systematically analyse the data following the protocol set out below, and the process is independent and unbiased.

Collection of data from Direct Observation: The collection of data from Direct Observation shall be based on physical observation of the survey agency. The questionnaire shall be used as the tool for data collection. The survey firm will use maps and simple handheld recording formats to record their observations and findings along with Photographs documentation will be undertaken. The survey agency will systematically collect photos as evidence for field observations. These must be properly documented with date/ time/ location parameters and presented to the MoUD as a part of their contractual submissions, along with data and reports for each of the cities. As a part of direct observation the survey agency shall be visiting the following places: in each zone in each city.

- Slum areas: informal settlements and urban villages across the different parts of the city. (Largest Slum settlement in each zone i.e. North, South, East and West)
- Neighbourhoods (non-slum locations) including
 Planned colony under municipal jurisdiction (Largest planned colony in each zone i.e. North, South, East and West)
 Unplanned colony (Largest unplanned colony in each zone i.e. North, South, East and West)
- Commercial/Main public locations: Main market area (Largest market area in each zone i.e. North, South, East and West) Religious Places (Largest religious place in each zone i.e. North, South, East and West) Main Bus Station (Largest Bus station in the city) Main Railway Station (Largest Railway station in the city)
- Bulk waste generators viz. hotels, banquet halls, weekly vegetable market areas (one of them) (Largest bulk generator in each zone i.e. North, South, East and West)

- Community Toilets (2 community toilets in each zone i.e. North, South, East and West)
- Public Toilets (2 public toilets in each zone i.e. North, South, East and West)

Collection of data from Citizen Feedback: Sample size to be 1000 citizens in the city or 0.1% of city population, whichever is less. Discussions with local citizens to be carried out to ascertain and confirm data on certain indicators. The questionnaire shall be used as the tool for data collection. The database of phone numbers (ward wise) shall be provided by the ULB. In absence of sufficient data from ULB, a third party vendor's database may be used for the town / city. Feedback from citizens can be obtained using tools such as social media, IVR based surveys, etc.

Points of consideration:

- Engagement of ULBs will start from 15th May, 2016 with a video conference with the Mission Director sharing the detailed methodology before rolling out the survey activities in select cities and towns.
- The survey will largely be based on inputs/information/data that can be verifiable through DPR/SBM portal or records maintained at the ULB level. If inputs/information/data shared are not verifiable, proxy indicators are to be developed to avoid any ambiguity in the process.
- More weightage will be given where inputs/information/data given can be verified and/or sophistication so that information captured cannot be challenged.
- More weightage is proposed to be given to the thematic cleanliness drives undertaken by ULBs, especially with regard to local media coverage of the drives, alongwith uploading by ULBs of these media coverage details on swachh bharat urban and mygov portals.
- Objective questions are to be asked/information captured, in order to address subjectivity.
- Data collected from all the three sources will be updated on a real time basis on a central server.
- Anything that is not within the purview of the Municipal Commissioner, will not be covered in any of the process indicators/parameters.
- The survey process will start simultaneously in all cities.

Data to be collected from the Municipal body

Photos should necessarily be collected as evidence for field observations.

	Milestone	Proposed Date
1	Video conference with respective Municipal Commissioners/State Mission Directors to share the survey methodology	15th May 2016 onwards
•	Extensive awareness generation and citizen engagement	1st June onwards
•	Start of Survey (Collection of data from Citizen Feedback)	4th Jan 2017
•	Completion of Field visit, data collection and analysis	4th Feb 2017
1	Ranking of cities along with detailed indicator-wise and aggregated scores and detailed report with survey, analysis and findings	on SBM Portal 15th Feb 2017

Note: State Missions will get approximately eight months' time, starting 15th May 2016, as preparatory phase to support the data collection activities carried out by the survey agency.

PARAMETERS

The six broad areas for which detailed process and outcome indicators are designed are given below:

AREA OF EVALUATION	WEIGHT	AGE
Strategy for Open Defecation Free town (ODF) and Integrated Solid Waste Management (SWM)	-	5%
Information, Education and Behavior Change Communication (IEBC)	-	5%
Door to door Collection, Sweeping, Collection & Transportation		40%
Processing and Disposal	_	20%
Public & Community Toilet Provision	_	15%
Individual Toilet	_	15%

Weightage of Citizens' feedback has been increased to 30% (from the earlier 25%), while weightage of ULB response has been reduced to 45% (from the earlier 50%). Weightage for independent observation has been retained at 25%.



QUESTIONNAIRE FOR MUNICIPAL CORPORATIONS (TOTAL MARKS 900)

1.1 MUNICIPAL SOLID WASTE – SWEEPING, COLLECTION & TRANSPORTATION (TOTAL MARKS 400)

SOLID WASTE - SWEEPING A) MANPOWER/AUTOMATED SYSTEMS IN PLACE FOR SWEEPING IN CITY

Whether ICT based staff attendance system in place

whether for based start attendance system in place	
Scheme of Ranking	Marks
ICT based attendance system in place in the entire city	23
and monitored at the head office level	
ICT based attendance system in place in the entire city	16
but not monitored at the head office level	
ICT based attendance system in place in some part of	11
the city and monitored at the head office level	
ICT based attendance system in place in some part of	5
the city but not monitored at the head office level	
ICT based attendance system not in place	0
Whether Staff vacancy shortfall against a Swachh City Plan/DPR	
recommended positions (if $>40\%$ staff positions are vacant then zero marks)	
<10%	18
10%-20%	14
21% to 30%	9
31% -40%	5
Above 40%	0

B) SWEEPING, CLEANING AND CLEARING DEBRIS FROM THE ROAD DONE IN CITY

Logistics put in place for daily waste collection by government sanitation workers/private contractors Proportion of total solid waste generation that is regularly collected. (Total waste collection over generation)

100%	18
80% - 99%	14
60% - 79%	9
40% - 59%	5
Below 40%	0
DEBRIS ON CALL SYSTEM:	
Whether a separate system to collect Construction & Demolition waste in place	
Yes	6
No	0
Whether waste treatment/disposal facility/ arrangement in place and functional	
Yes	7
No	0
Whether separate user charges are notified and collected	
Yes	6
No	0
Whether sweeping undertaken twice a day on commercial area roads –	
100% of wards	23
80% - 99% of wards	16
60% - 79% of wards	11
40% - 59% of wards	5
Below 40% of wards	0

C) DOOR TO DOOR WASTE COLLECTION DONE AND TRANSPORTED FROM SHOPS AND OTHER ESTABLISHMENTS IN COMMERCIAL AREAS



	Daily collection and transportation plan in place for shops and other establishments in commercial areas	
	100% of commercial areas 80% - 99% of commercial areas	10 8
	60% - 79% of commercial areas	8 5
	40% - 59% of commercial areas	3
	Below 40% of commercial areas	0
	Shops and other establishments in commercial areas are covered by door to door solid waste collection system -	
	100% of wards	18
	80% - 99% of wards	14
	60% - 79% of wards 40% - 59% of wards	9
	40% - 59% of wards Below 40%	5 0
	Do you have direct collection system for bulk garbage generators in commercial areas (viz. hotels, banquet halls etc	
- L	Yes) 11
	No	0
	Availability of collection bins (functional and branded) at appropriate places in commercial areas	
	6-8 collection bins placed per commercial area	17
	3-5 collection bins placed per commercial area	11
	1-2 collection bins placed per commercial area	5 0
	City not bin-free, but no bin placed	0
	Whether User charges in commercial areas are	
	Notified and collected Not notified but collected	23
	Not notified but collected	16
	Neither notified nor collected	8 0
	Waste from commercial areas segregated at source and segregation maintained till disposal/treatment	0
- A	100% of wards	23
	80% - 99% of wards	16
	60% - 79% of wards	11
	40% - 59% of wards	5
	Below 40%	0
	D) SWEEPING, CLEANING AND CLEARING DEBRIS FROM THE ROAD DONE IN RESIDI	ENTIAL AREAS
	Once a day sweeping and cleaning from residential areas done –	
	100% of wards	18
	80% - 99% of wards 60% - 79% of wards	14 9
	40% - 59% of wards	5
	Below 40%	0
	E) DOOR TO DOOR WASTE COLLECTION DONE AND TRANSPORTED FROM RESIDENT	'IAL AREAS
	Daily collection and transportation plan in place for residential areas	
	Yes	11
	No	0
	Residential areas are covered by door to door solid waste collection system -	
	100% of wards	23
	80% - 99% of wards 60% - 79% of wards	16
	40% - 59% of wards	11 5
	Below 40%	0
	How do you manage the waste from bulk garbage generators in residential areas	-
	Managed by bulk generators themselves	11
	Directly collected by ULBs	6
	No arrangement in place	0



	Availability of collection bins (functional and branded) at appropriate places in residential areas	
	City is bin-free for neighbourhood areas*	18
	1 bin for 75 people 1 bin for 100 people	13
	1 bin for 150 people	6 3
	1 bin for >150 people	0
	Whether User charges in residential areas are	
	Notified and collected	23
	Not notified but collected Notified but not collected	16
	Neither notified nor collected	8
	Waste from residential areas segregated at source and segregation maintained till disposal/treatment	0
÷.,	Yes	10
	No	0
	SOLID WASTE - TRANSPORTATION	
	WASTE TRANSPORTED AWAY ON DAILY BASIS FOR SAFE DISPOSAL/SCIENTIFIC TREATME	NT
	Road map for waste transportation as per Swachh City Plan/DPR	
	Swachh City Plan/DPR in place and being implemented	18 9
	Swachh City Plan/DPR in place and not being implemented Swachh City Plan/DPR not in place	9
	All garbage trucks/vehicles are tracked by	Ū
	ICT based tools (RFID Reader/ GPS etc.)	18
	Manual tracking	9
	No tracking	0
	1.2 MUNICIPAL SOLID WASTE - PROCESSING & DISPOSAL (TOTAL MARKS 200)	
	Is landfilling done in a scientific way	
	Recommended land filling process followed (Remediation and scientific capping being practiced)	36
	Unplanned dumping	0
	Are technologies being used to segregate the waste collected before processing for treatment	
	Yes	45
	No	0
	Waste treatment (Waste to Energy or Composting) – Percentage of waste / comingled / inerts waste going to landfill	
	<20% going for landfill Above 20% going for landfill	45 0
		U
	Processing Plant is	54
	Running for 8 hours/day and above Running from 4-7 hours/day	41
	Running <4 hours	0
	1.3 PUBLIC & COMMUNITY TOILETS (TOTAL MARKS 150)	
	Whether a study for estimating the provision of public toilet and community toilet is undertaken?	
	Yes	10
	No	0
•	Public Toilet - What is the percentage gap between the actual number of toilets constructed against the City target as p SBM portal?	ber
	No gap	23
	1-25%	16
	26-50%	11
	51-75% >75%	5 0
		U



Community Toilet - What is the percentage gap between the actual number of toilets constructed against the City target as per SBM portal?		
No gap	11	
1-25%	8	
26-50% 51-75%	5 3	
>75%	0	
Public toilet - Is SBM portal updated with number of toilets constructed		
Yes	11	
No	0	
Community toilet - Is SBM portal updated with number of toilets constructed		
Yes No	11 0	
	0	
How is the maintenance of Public toilet undertaken?	23	
Maintenance by third party/private contractor Maintenance by municipal employees	11	
No maintenance	0	
How is the maintenance of community toilet undertaken?		
Maintenance by Community	23	
Maintenance by third party/private contractor	14	
Maintenance by municipal employees	7	
No maintenance	0	
What percentage of Public toilets are connected to sewage system or safe onsite disposal?		
100% 75-99%	6	
50-74%	5 3	
25-49%	2	
<25%	0	
What percentage of Community toilets are connected to sewage system or safe onsite disposal?		
100%	6	
75-99% 50-74%	5 3	
25-49%	2	
<25%	0	
Is ULB tracking the usage of public toilet using ICT/technology tools		
Tracked by ICT/technology tools	6	
Tracked by manual system	4	
No tracking	0	
Is ULB tracking the usage of community toilet using ICT/technology tools		
Tracked by ICT/technology tools Tracked by manual system	6	
No tracking	4 0	
1.4 INDIVIDUAL TOILETS (TOTAL MARKS 150)		
Whether SBM portal updated with total number of Application received		
Yes	18	
No	0	
Whether SBM portal updated with total number of Application verified		
Yes No	18 0	
	0	



_		
	Whether SBM portal updated with total number of Application approved Yes No	18 0
1	Whether SBM portal updated with photographs of constructed toilets Yes No	18 0
1	What is the percentage gap of individual toilets sanctioned against applications No gap 1-25% 26-50% 51-75% >75%	32 24 16 8 0
Ì	 What is the percentage gap of individual toilets constructed against the state targets No gap 1-25% 26-50% 51-75% >75% 1.5 STRATEGY FOR ODF AND SWM (TOTAL MARKS 50) 	32 24 16 8 0
1	Percentage of Wards ODF (100%) >75% Wards are ODF Between 51-75% wards are ODF Between 25-50% wards are ODF Below <25% wards are ODF	10 7 4 0
1	Is the Swachh City Plan/DPR Prepared, approved, updated on portal and being implemented Prepared and approved Prepared but not approved Not prepared	5 4 2 0
1	Is there a strategy in place to curb open defecation/urination/littering` City has a strategy in place to curb OD in areas prone to OD City has identified areas prone to OD but no strategy in place to curb OD in prone areas City has not identified areas prone to OD	8 4 0
ľ	Does the city has a monitoring mechanism (Technology/ICT/Social media in place) to monitor open defecation/urination/littering Both technology and social media available Either technology or Social media available Neither technology nor Social Media available	6 3 0
1	Strategy for building Public and Community toilets Land identified and tenders/work awarded Land identified but tender not awarded Land not identified	5 3 0
1	Whether spot fine/administrative charges are notified for open defecation/urination/littering Spot fine notified and collected Spot fine notified but not collected Spot fine not notified	5 3 0
1	Citizen SMS service/Apps/social media available to lodge the complaint Yes No	6 0



1	Call Centre in place to attend/address citizen complaints Yes No	5 0
	1.6 IEC/BEHAVIOR CHANGE COMMUNICATION (TOTAL MARKS 50)	
	Big hoarding (minimum 8'x8') in place for 1 per 50,000 population 1 per 50,001-75,000 population 1 per 75,001 – 1,00,000 population 1 per > 1,00,000 population	7 5 3 0
	Self Help Groups and other voluntary groups involved in IEC/BCC Self help groups involved and active Self help groups involved Self help groups not involved	7 5 0
•	Swachhta ambassadors Swachhta Ambassadors identified and active Swachhta Ambassadors identified Swachhta Ambassadors not identified	7 5 0
•	Local cable network/bulk sms/awareness campaigns/newspapers pamphlets spreading messages and social media interventions on Swachh Bharat Mission All three including Print Media, Digital Media and Awareness Campaigns Either one the three ie. Print Media, Digital Media or Awareness Campaigns Neither of the three ie. Print Media, Digital Media or Awareness Campaigns	n- 7 5 0
	Special Drive – Media coverage of thematic drives uploaded on MyGov and SBM portals: Percentile of cumulative score received by cities for media coverage of thematic drives	10



QUESTIONNAIRE FOR INDEPENDENT OBSERVER (TOTAL MARKS 500)

2.1 COMMERCIAL/MAIN MARKET AREA (TOTAL MARKS 200)

	Scheme of Ranking M	arks
•	Waste collection bins available in commercial areas 1 bin within 100 meters 1 bin within 200 meters No bin within 200 meters	11 6 0
1	No visibility of solid waste in commercial areas 100% area clean 75% area clean 50% area clean <50% area clean	11 8 4 0
1	 Big hoarding (minimum 8'x8' size) in place with Swachh Bharat Mission messages in commercial areas Yes No 2.2 PUBLIC TOILET 	5 0
•	Availability of Public toilet (with seat) for men Yes No	7 0
	Availability of Public toilet (with seat) for women Yes No	7 0
•	Public toilet is gender friendly (Separate section for Man and Woman), child friendly and caters well to differently abled people Yes No	7 0
1	Basic infrastructure functional in the Public toilet (taps, pour flush, door, wash basin etc) Yes No	7 0
1	Public toilet is well lit (no dark areas) and ventilated Yes No	7 0
1	How is the maintenance of Public toilet undertaken Maintenance by third party/private contractor Maintenance by municipal employees No maintenance	7 3 0
•	Public toilet in commercial areas is connected to the sewerage system or safe onsite sanitation facility - no open drainage Yes No	7 0
•	Public toilet in commercial area is carrying big messages about behavior change Yes No	7 0
	2.3 COMMUNITY TOILET	
•	Availability of Community toilet (with seat) for men in/near the slum area Yes No	7 0
•	Availability of Community toilet (with seat) for woman in/near the slum area Yes No	7 0



•	Community toilet is gender friendly (Separate section for Man and Woman), child friendly and caters well to differently al people	bled
	Yes No	7 0
1	Basic infrastructure functional in the Community toilet (taps, pour flush, door, wash basin etc) Yes No	7 0
	How is the maintenance of Community toilet undertaken Maintained by the community/Community Based Organisation Maintenance by third party/private contractor/municipal employees No maintenance	6 3 0
1	Community toilet is well lit (no dark areas) and ventilated Yes No	6 0
	Community toilet in slumps is connected to the sewerage system or safe onsite sanitation facility - no open drainage (observation/random community interaction) Yes No	er- 6 0
	2.4 RESIDENTIAL AREAS: SLUMS - URBAN VILLAGES/INFORMAL SETTLEMENTS	
•	No visibility of solid waste in residential areas (slums) 100% area clean 75% area clean 50% area clean <50% area clean	11 8 4 0
1	Visibility: Waste transfer Stations Transfer stations are well maintained and painted Transfer stations are well maintained but not painted Transfer stations are neither maintained nor painted	10 5 0
1	Solid waste is dumped inside the waste transfer station only – no spillover Yes No	11 0
•	Individual Household Toilet in slum area is connected to the sewerage system or safe onsite sanitation facility - no open drainage (observation/random community interaction) Yes	32
	No	0
1	Do people of the slum area defecate/urinate in the open (observation/random community interaction) Yes No	10 0
1	Local cable network/bulk sms/awareness campaigns/newspapers pamphlets spreading messages and social media interve tions on Swachh Bharat Mission (observation/random community interaction) All three including Print Media, Digital Media and Awareness Campaigns Either one the three ie. Print Media, Digital Media or Awareness Campaigns Neither of the three ie. Print Media, Digital Media or Awareness Campaigns All three including Print Media, Digital Media and Awareness Campaigns All three including Print Media, Digital Media and Awareness Campaigns	en- 5 3 2 0
	2.5 RESIDENTIAL AREAS: PLANNED COLONY	
•	No visibility of solid waste in residential areas 100% area clean	10

100% area clean1075% area clean650% area clean3<50% area clean</td>0



•	Visibility: Waste transfer Stations / Tippers Transfer stations are well maintained and painted Transfer stations are well maintained but not painted	11 6 0
_	Transfer stations are neither maintained nor painted	0
	Sold waste is dumped inside the waste transfer station only – no spillover Yes No	11 0
	Individual Household Toilet in planned colony is connected to the sewerage system or safe onsite sanitation facility -	no
	open drainage (observation/random community interaction)	
	Yes	31
	No	0
	Do people of the planned colony do not defecate/urinate in the open (observation/random community interaction) Yes No	10 0
	Local cable network/bulk sms/awareness campaigns/newspapers pamphlets spreading messages and social media inter-	erven-
	tions on Swachh Bharat Mission (observation/random community interaction)	F
	All three including Print Media, Digital Media and Awareness Campaigns Either one the three ie. Print Media, Digital Media or Awareness Campaigns	5 3
	Neither of the three ie. Print Media, Digital Media of Awareness Campaigns	2
	All three including Print Media, Digital Media and Awareness Campaigns	0
	2.6 RESIDENTIAL AREAS: UN-PLANNED COLONY	
	No visibility of solid waste in un-planned colony	
	100% area clean	10
	75% area clean 50% area clean	6
	<50% area clean	3 0
_		Ŭ
	Visibility: Waste transfer Stations in un-planned colony / Tippers Transfer stations are well maintained and painted	11
	Transfer stations are well maintained but not painted	6
	Transfer stations are neither maintained nor painted	0
	Solid waste is dumped inside the waste transfer station only – no spillover	
	Yes	11
	No	0
•	Individual Household Toilet in un-planned colony is connected to the sewerage system or safe onsite sanitation facilit open drainage (observation/random community interaction)	y - no
	Yes	32
	No	0
	Do people of the un-planned colony defecate/urinate in the open (observation/random community interaction)	
	Yes	10
	No	0
•	Local cable network/bulk sms/awareness campaigns/newspapers pamphlets spreading messages and social media intertions on Swachh Bharat Mission (observation/random community interaction)	erven-
	All three including Print Media, Digital Media and Awareness Campaigns	5
	Either one the three ie. Print Media, Digital Media or Awareness Campaigns	3
	Neither of the three ie. Print Media, Digital Media or Awareness Campaigns	2
	All three including Print Media, Digital Media and Awareness Campaigns	0



2.7 BULK GENERATORS – HOTEL/BANQUET HALL/WEEKLY VEGETABLE MARKET/VEGETABLE MANDI

•	No visibility of solid waste in catchment area 100% area clean 75% area clean 50% area clean <50% area clean	11 8 4 0
•	Visibility: Waste transfer Stations Transfer stations are well maintained and painted Transfer stations are well maintained but not painted Transfer stations are neither maintained nor painted	11 6 0
•	Size of the transfer station is sufficient enough to manage daily waste (No Spillover) Yes No 2.8 RELIGIOUS PLACES – TEMPLE/MOSQUE/CHURCH ETC.	11 0
•	No visibility of solid waste in the catchment area 100% area clean 75% area clean 50% area clean <50% area clean	11 8 4 0
•	Visibility: Waste transfer Stations Transfer stations are well maintained and painted Transfer stations are well maintained but not painted Transfer stations are neither maintained nor painted	11 6 0
•	Size of the transfer station is sufficient enough to manage daily waste (No Spillover) Yes No	11 0
	2.9 MAIN RAILWAY STATION	
•	No visibility of solid waste in the catchment area 100% area clean 75% area clean 50% area clean <50% area clean	11 8 4 0
•	Visibility: Waste transfer Stations Transfer stations are well maintained and painted Transfer stations are well maintained but not painted Transfer stations are neither maintained nor painted	11 6 0
•	Size of the transfer station is sufficient enough to manage daily waste (No Spillover) Yes No	11 0
	2.10 MAIN BUS STATION – INTER-STATE BUS TERMINAL	
•	No visibility of solid waste in the catchment area 100% area clean 75% area clean 50% area clean <50% area clean	11 8 4 0
•	Visibility: Waste transfer Stations / Bins Transfer stations are well maintained and painted Transfer stations are well maintained but not painted Transfer stations are neither maintained nor painted	11 6 0



Solid waste is dumped inside the waste transfer station only – no spillover Yes	
No	
Commercial vehicles carrying big messages about behavior change	
Commercial vehicles carrying big messages about behavior change Yes	



QUESTIONNAIRE FOR CITIZEN THROUGH CALL CENTRE (TOTAL MARKS 600)

	Scheme of Ranking	Marks
•	Do your find your area clean: Always Sometimes Rarely Never	114 77 38 0
•	Are you able to easily locate dust bins available in areas Always Sometimes Rarely Never	114 77 38 0
•	Door to door waste collection done and transported by municipal corporation reps from your household Daily Once in 2 days Once in 3-4 days Once in a week Door to door collection not in practice	114 86 58 29 0
1	Access to toilet - Public/Community toilet available 1 toilet within 500 meters 1 toilet within 1km 1 toilet within 2 km No toilet within 2 km	64 42 20 0
•	Basic infrastructure in the Public/community Toilet available and functional (taps, flush, handwash, door, lighting etc) Always Sometimes Rarely Never	62 42 20 0
1	Does your household have a toilet? Yes No, but Municipality has approached for construction of Toilet No	132 66 0





