

Swachha Maharashtra Mission (Urban)



Kheda

An Open Defecation Free City in Maharashtra

Declared on 2nd October 2015

Journey of a town towards becoming ODF

**Urban Development Department
Government of Maharashtra**

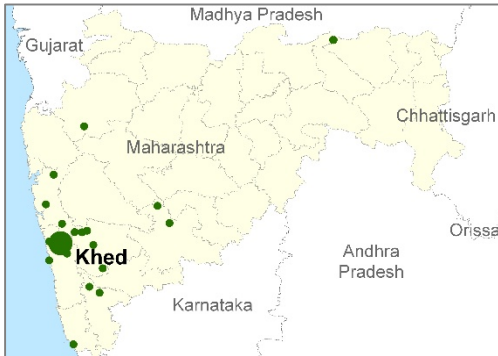
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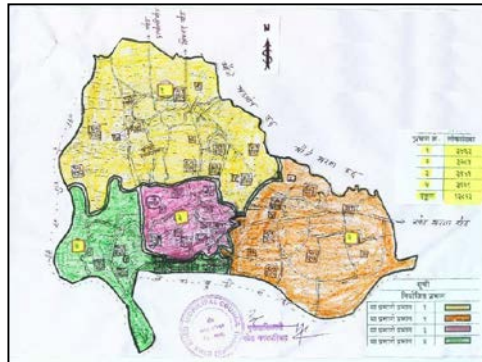
Khed, Maharashtra

1 City Profile

Khed is a Class ‘C’ Municipal Council in the Ratnagiri district with a population of 16,892 (census 2011). The city is situated in the sahyadri range on the banks of river Jagbudi, on the Mumbai - Goa Highway (NH 66). Khed covers an area of 2 sq km and has a glorious history. Khed was one of the major trade ports in British rule. Khed Municipal Council was established in 1940.



Map 2: Matheran and other ODF cities



Map 1: Prabhadg wise map of Khed

2 Sanitation Scenario prior to the launch of mission

According to Census 2011, out of 2,990 households in the city, 2,186 households had toilets on premises, 602 households are dependent on community toilets and 202 households defecate in the open. The majority of individual toilets are connected to septic tanks which further connected to soak pits.

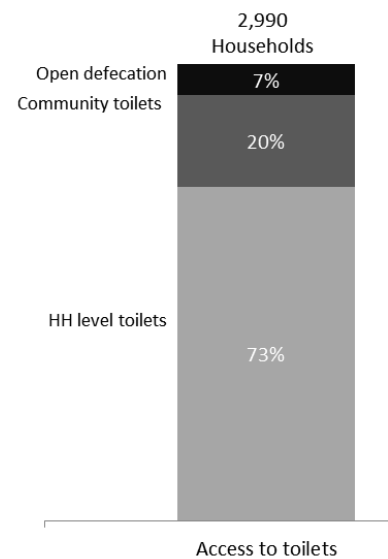


Figure 1 : Access to type of sanitation facility

3 Targets set by the council under SMMU

3.1 Optimum use of functional community toilets:

A household level survey conducted in 2013 indicates that there are 4,283 households within the limits of Khed Municipal Council, out of which 3,943 households have individual toilets within their premises. Due to inadequate availability of land it was difficult to construct individual toilets in every household. Therefore, KMC opted to become ODF by providing access to community toilets.

4 Initiatives by the council

4.1 Cleanliness Campaign

After the launch of the Swachha Maharashtra Mission, Khed Municipal Council decided to introduce a cleanliness campaign in the city. This was done primarily as the officials understood that the collection of garbage in a periodic manner was essential to keep the city clean. All the officials, citizens and children gathered for the cleanliness drive. A city-wide survey was conducted to identify the garbage dumping spots in the city and the same were cleaned during

the cleanliness drive. Citizens were warned about the consequences of engaging in the practice of open defecation. Penal actions were taken against the people resorting to open defecation.



Photograph 1: Cleanlines Campaign in City

4.2 Applications and Construction of household level toilets

Households that did not have toilets and had no issues related to availability of space were identified through the household survey. City administration and the councillors of the city followed up with such households at ward level. The council invited applications from such households for construction of individual toilets. KMC received 174 applications from the citizens for toilet construction. In order to create interest and make more people apply for individual toilets council has announced Rs 5000 to be given per toilet from KMC as additional share.

4.3 Construction of community toilets

KMC has undertaken detailed survey to identify areas with land availability issues and therefor need community toilets. Providing access to community toilets was taken up as a priority and KMC reserved funds towards this end. Till date council has already completed construction of 179 community toilets blocks.

4.4 Repair and maintenance of community toilets

KMC also conducted a detailed survey to understand the reason behind the less usage of the community toilets. The reasons identified were:

- Non availability of water in the toilets.
- No proper maintenance and cleaning of the toilets
- Regular repairs are not undertaken
- Lack of proper electricity supply in the toilets.



Photograph 2 and 3: community toilets in KMC

Hence it was decided that the officials will focus on making these community toilets functional for the citizens. Along with this, all the open spaces in the city were maintained clean and provided with required facilities like street lights etc. to discourage open defecation at such spaces.

4.5 Monitoring of likely Open Defecation (OD) spots to prevent OD

In order to monitor the open defecation sites in the city a Good Morning Squad was formulated to identify the OD spots within the city and prevent people from defecating in these spots. The squad consisted of 30-35 officials from the sanitation department who frequently monitored identified OD spots

4.6 Awareness Generation

Numerous hoardings and banners were displayed to create awareness among the people regarding drawbacks of defecating in the open. Drama and essay competitions were conducted in schools thus creating awareness amongst them. The mission was widely advertised through local cable channels and newspapers. A *Jann Jagruti* rally was also arranged to spread the message of an “Open defecation free city”.



Photograph 4 and 5: Drama and essay competitions undertaken in schools on SBM

5 Innovative Ideas to Address Specific Challenges

5.1 Making Community toilets 24X7

As the community toilets were not functional due to lack of water availability, KMC constructed water tanks in these community toilets. It was made sure that these tanks are filled by the municipality water connection or through water tankers.

New workers in the sanitation department were recruited to make sure that these community toilets are cleaned at regular intervals. Electricity supply was made available in community toilet to increase the usage during the night time and also safe for women and children.



Photograph 6 and 7 - Water tanks constructed in community toilets

6 Declaration and Validation of ODF City by the Government

KMC declared Khed as ODF on 10th September 2015 and submitted a report to Government of Maharashtra. Site validation was done at district level by the collector office, Konkan on 29th and 30th September 2015 and a positive report was submitted to the GoM. On 2nd October 2015, KMC was awarded by the Hon. Chief Minister of Maharashtra during the State level event organised by the GoM. Further, on 27th Dec to 29th December 2015, State Level Validation Committee conducted an in-depth validation as per the process set and the checklist provided by the GoM. KMC passed both this validation stages and is now listed as an “ODF City” in Maharashtra.



Photograph 8-10 - Validation visits by the GoM

7 Strategy for Sustainability

Early morning and evening visits to likely OD spots will be continued by KMC's *pathak*- initially on daily basis and then on periodic basis as per the need. Apart from this periodic maintenance and repairs of the community toilets and continuous awareness generation among the citizens is

required to keep the city open defecation free. Constant monitoring of the community toilets will be done in order to make sure that they remain in well maintained condition for effective and regular use.

With the above mentioned practices with focussed aims and objectives KMC hopes to continue its endeavour to maintain itself as an open defecation free city.

8 Strategy for Moving towards ODF+ City

Government of Maharashtra has developed a framework to achieve the status of ODF+/ODF++ city as a part of holistic sanitation improvement strategy for the ULBs in Maharashtra as per below table. Khed has achieved the target of ODF by eliminating all the OD spots and providing access to toilets either through individual toilets or community toilets. Khed would achieve the target of >80% own toilet after completion of construction of own toilets under SBM. Presently, Khed is providing services of septic tank emptying on demand basis. Khed is targets to move towards ODF+ by providing regulated septic tank emptying service along with adequate septage treatment facilities by end of 2016.

	Elimination of OD practices	Access to toilets	Conveyance and treatment of faecal waste
ODF City	<ul style="list-style-type: none"> • Not a single person found defecating in the open • No traces of faeces are visible in the city at any time of the day. 	<ul style="list-style-type: none"> • All the properties have access to either own toilet or community/ public toilet 	<ul style="list-style-type: none"> • All toilets are connected to a disposal system
ODF+ City	<ul style="list-style-type: none"> • Not a single person found defecating in the open • No traces of faeces are visible in the city at any time of the day. 	<ul style="list-style-type: none"> • At least 80% of residential properties have access to own toilets • Remaining properties have access to functional community/public toilets 	<ul style="list-style-type: none"> • All toilets are connected to a disposal system • Regular and safe collection, conveyance and treatment of all the faecal matter
ODF++ City	<ul style="list-style-type: none"> • Not a single person found defecating in the open • No traces of faeces are visible in the city at any time of the day. 	<ul style="list-style-type: none"> • At least 95% of residential properties have access to own toilets • Remaining properties have access to functional community/public toilets 	<ul style="list-style-type: none"> • All toilets are connected to safe disposal system • Regular safe collection, conveyance and treatment of all faecal matter and waste water including septic tank effluent and grey water

9 Team behind Success

Team members in Khed who have made a significant contribution towards making Khed an open defecation free town includes:

1. Mrs. Urmila Shetey-Patne, President
2. Mr. Vaibhav Khedekar, Vice-President
3. Mrs. Gouri Pulekar, Chairman Health and Sanitation committee
4. Mr. Mahadev Balasaheb Rodage , Chief Officer
5. Mr. Mahendra Shirgaonkar, Sanitary Inspector

Citizens of Khed Municipal Council



Swachhta Pledge

Mahatma Gandhi dreamt of an India which was not only free but also clean and developed.

Mahatma Gandhi secured freedom for Mother India.

Now it is our duty to serve Mother India by keeping the country neat and clean.

I take this pledge that I will remain committed towards cleanliness and devote time for this.

I will devote 100 hours per year, that is two hours per week, to voluntarily work for cleanliness.

I will neither litter nor let others litter.

I will initiate the quest for cleanliness with myself, my family, my locality, my village and my work place.

I believe that the countries of the world that appear clean are so because their citizens don't indulge in littering nor do they allow it to happen.

With this firm belief, I will propagate the message of Swachh Bharat Mission in villages and towns.

I will encourage 100 other persons to take this pledge which I am taking today.

I will endeavour to make them devote their 100 hours for cleanliness.

I am confident that every step I take towards cleanliness will help in making my country clean.



भारत सरकारचा पुढाकार
स्वच्छ महाराष्ट्र करू साकार



संकल्प स्वच्छतेचा

- सहभागाचा ठाम निर्धार
- व्यापक लोकसहभाग मिळवणार
- १०० टक्के शौचालयाचाच वापर करण्यासाठी प्रवृत्त करणार
- कचऱ्याचे संकलन, वर्गीकरण, वाहतूक करणार
- कचऱ्यावर शास्त्रोक्त प्रक्रिया करणार
- सांडपाण्यावर प्रक्रिया करणार
- स्वच्छ व हरित महाराष्ट्र साकारणार

सप्तपदी : स्वच्छ व हरित महाराष्ट्रासाठी ...

*This report is part of a series documenting the efforts made by 19 cities in Maharashtra towards becoming open defecation free. These cities have laid the foundation of "ODF Maharashtra" as envisaged under **Swachh Maharashtra Mission (Urban)***

*It has been prepared in consultation with Urban Local Government and **Urban Development Department, Government of Maharashtra**, with support from **CEPT University, Ahmedabad** and **All India Institute of Local Self Governments (AIIISG), Mumbai** under the **Performance Assessment System (PAS) Project**.*



Government of
Maharashtra



एक कदम स्वच्छता की ओर

