

# Existing Environmental Scenario

## 1. Sewerage Scheme :

- No sewerage system is in the village, sewage disposal is through septic tanks
- Underground Drainages (approx. 360 m.) provided for *Bhakta Nivas* and *Sulabh Shouchalaya*. Sewage is let into the Panas Nala
- The sewerage network covered is only 0.2 Sq.km out of Panchayat limit of 6.10 Sq. km .

## Key Environmental Issues :

- Incomplete underground sewerage system, absence of sewage treatment facility

- The *Panas Nala*, where the statue of Lord Shani was found, is carrying untreated sewage causing smell nuisance, ground water pollution & creating poor aesthetic view of temple premise

- Public Toilets facility is inadequate to cater to floating population



## 1. Existing Sanitation Facility in Shani Shingnapur

<b>Septic tanks</b>	<b>The capacity is about 10 lakh litres for each bhakata nivas</b>
<b>Public Toilets</b>	<b>2 with 68 Seats</b>
<b>Public urinals</b>	<b>2 with 36 units</b>



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## 2. Solid Waste Management

- MSW generation is @ 2.5 T/Day, including 1.5T/Day in temple premises
- No primary waste collection by Local body (SGP)
- Waste generated during festival is about 30T/Day
- Present disposal of MSW from temple area is open dumping at deosthans land (4.25 ha) on A`nagar-A`bad highway approach road.

### Key Environmental Issues

- SGP has no system in place for MSW collection.
- No Disposal site, Unscientific MSW disposal at Deosthan site leading to environmental hazards
- Poor MSW collection leading to chocking of drains & the Panas nala
- Indiscriminate MSW dumping around temple is degrading aesthetics and hazardous to public health.



## 1. Solid Waste Generation in Shani Shingnapur

Source of Waste Generation	Quantity (MT/day)	Total %
Shanidev Sansthan (Includes Samadhi Temple Complex, Prasadalya Parking & accommodation facilities)	1.3	52
Household waste	1.0	40
Shops, restaurants, hotels, street sweeping and drain De-silting and commercial establishment	0.2	8
<b>Total</b>	<b>2.5</b>	<b>100</b>

## 2. Details of Solid Waste Disposal Sites in Shani Shingnapur

Location	Type of disposal	Approx. Area Hectare	Distance from village	Year of commissioning
Along Ahmednagar-Aurangabad highway	Land disposal	4.25	2 km	2003- 04



### 3. Composition of Solid Waste

Parameter	% of Waste as per CPHEEO Manual	% of waste
Total organic content	44.57	70
Paper	2.91	30
Rubber, leather & synthetics	0.78	
Glass	0.56	
Metals	0.33	
Inert Materials	43.59	



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### 3. Water supply

- Presently, Bore Wells water is the only source for Water Supply in Shingnapur village
- Water sourced from four bore wells is supplied through two ESRs for use of devotees (Capacity 1.4 Lakh litres for Potable use & 1.00 lakh litres for non potable use)
- No distribution network in Village, supply through four common taps
- Others have own private water supply from bore wells

#### Key Environmental Issues

- High dependency on ground water
- No alternate source during water shortage months
- Rising demand due to increasing floating population

