

## SIBF SYSTEM AT BAPS SHRI SWAMINARAYAN MANDIR

<b>Wastewater</b>	:	Domestic	<b>Installation</b>	:	2017
<b>Location</b>	:	Pune	<b>Design flow [Phase I]</b>	:	60,000 litres / day
<b>Treatment by</b>	:	<b>Eco-friendly SIBF (Solid Immobilized Bio-Filter) System</b>			
<p><b><u>Need:</u></b></p> <p><b><u>BAPS SHRI SWAMINARAYAN SANSTHA</u></b> has set up its new mandir at Ambegaon Khurd, Pune. The mandir premise is spread over 26 acres land and has beautiful landscaped garden. Accommodation and canteen facility has been provided for the devotees. Wastewater is generated from the washrooms, canteen and residences.</p>					
<p><b><u>Solution:</u></b></p> <p>After studying various options, the Trust opted to install the eco-friendly SIBF system. The SIBF system was selected mainly due to its low operation cost, low skill requirement and sturdiness to handle flow fluctuations.</p> <p>The wastewater treatment helps in keeping the environment pollution free. Also, there is a huge requirement of water for gardening. The treated water shall help in fulfilling this requirement.</p>					
<p><b><u>Benefits:</u></b></p> <p>Due to SIBF system, in addition to pollution abatement, more than 55,000 litres per day of treated water is available for gardening and toilet flushing throughout the year at a very low O &amp; M cost and skill. The treated water conforms to the standards set by the state pollution control board. Also, the system looks like a garden and adds to the landscaping.</p> <p>Reuse of treated water for gardening &amp; irrigation helps in ground water recharge.</p>					

***Environmental Protection – it's Now or Never!***