

SIBF SYSTEM AT ZORABIAN CHICKS PVT. LTD.

Wastewater	: Slaughter-house	Completion	: 2007
Location	: Khopoli, Raigad District	Design Flow	: 150 m ³ /day

Need:

The processing plant at Zorabian Chicks Pvt. Ltd. has a capacity of 8000 - 10,000 birds per day. The wastewater generated during the processing has high pollution strength and has to be treated as per the pollution control board norms.



Solution:

The SIBF system has been installed to treat 150 m³/day of combined process + domestic wastewater.

The treatment system requires very low operation cost and skill. The biofilters look like a garden and add to the landscaping.



Benefit:

The treated water conforms to the standards set by the pollution control board. There is about 80% saving in electricity and O & M costs compared to the conventional system.

Also, about 140 m³/day of treated water is available for gardening / irrigation throughout the year. Due to this, vast garden area is being maintained in this water scarce region.



Environmental Protection – its Now or Never!

CONSULTANTS: ENERGY TECH SOLUTIONS PVT. LTD.

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