

Case Study



Location: HAVELI – Amritsar, Jalandhar and Murthal



Challenges:

- Prime focus on fresh Water/ re cycled water Saving and Odorless Urinals
- Upgrading to Green, Hygienic, Cleanliness Standards in restrooms
- High Cost saving involved with Water Wasted and Electricity and man power required.

Solution Provided by BioTic Organic: NZYME-WL (Spray based)

Achievements:

- Water Consumptions Levels

Before using BioTic Organic products: 6,500-7,500 Litre Per Month

After using BioTic Organic Products: 90 Litre Per Month i.e. approx. 3 Litre per Day)

Water saving: 57,700 – 66,700 Litre in just 9 Months (approx. 80-90% of Water saved)

Additional Benefits:

- Electricity Saved in boosting water supply to Urinals,

- Maintenance cost reduced as it's much easier to maintain Urinals using BioTic Organic Products,
- Soothing Fragrance level maintained in Urinals at HAVELI restrooms

Challenges:

HAVELI at Murthal, Jalandhar and Amritsar are well known resorts for their Unique Themes, mouth watering and delicious foods and HAVELI's management showed equal attention for uplifting hygienic, environment friendly, cleanliness standards of restrooms at their restaurants as well

At HAVELI, their primary focus was on Water (fresh/ re cycled) saving and Odorless Urinals as Water Consumptions is significantly heavy in such restaurants where Guest's footfall is almost non-stop.

Upgrade to more eco-friendly, hygienic, waterless, odorless Urinals in restrooms.

Saving costs related with heavy and ever growing water consumption, electricity and man power utilized.

BioTic joined hands with HAVELI to provide solutions which are waterless, economical, safer, easier to maintain, organic for Urinals.

Proposed Solution:

BioTic confidently undertook the challenges with our product "NZYME-WL" -

- NZYME – WL - a probiotic consists of facultative microbes and stable enzymes which survive in both aerobic and anaerobic environments.
- Once it's applied, converts the anaerobic conditions to aerobic and treats the root cause of foul odor.
- It is 100% organic and when "NZYME-WL" is sprayed on to the surface, these bacteria metabolize (eat away) ammonia gas, uric acid, urea, biofilm and organic deposits, leaving the surfaces cleaner and Odorless.
- It also prevents production of H₂S (Hydrogen Sulphide) as by product gas.

With BioTic Organic Solutions, each urinal at HAVELI – Murthal, Jalandhar and Amritsar became Waterless, Odorless, Organic, Cleaner and environmental friendly and that too at lower cost achieved by bigger savings in terms of Water & Power saved and maintenance costs.

Achievements:

- Before using BioTic Organic Products – Water consumption levels in urinals at HAVELI was to the tune of 6,500-7,500 Litre per month which got reduced to the level of 90 Litre per month. With BioTic waterless & odorless Solutions “NZYME-WL” almost 57,700 – 66,700 Litre water saved from going down in the drain in just 9 Months i.e. 80-90% savings in water consumptions.
- Zero Odor level achieved and soothing fragrance maintained in Urinals
- Electricity Saved in boosting water supply to Urinals,
- BioTic Organic Products reduced maintenance cost as problems like ammonia gas trapping, deposit of urea & uric acid in drain pipe reduced.
- After success of Waterless, Odorless Urinals challenge at HAVELI, BioTic is also invited to next challenge and provide Organic and environment friendly Solutions for their STP (Sewage Treatment Plant).

Stay connected for next case study...

“Our Nature is Our Future”!!