



WATER ASSESSMENT REPORT 2016

Introduction

This report is conducted to fulfil Gold Label criteria from Travelife while focusing saving opportunity in the use of water so that we benefit both financially and environmentally

Water Resources

Guest Use:

Legian Beach Hotel's main water resources are ground water using deep wells with pumps and are treated with carbon and sand filters, reverse osmosis and UV.

Number of Deep Well: 3

Number of pumps: 3

Water Reservoir: 2 tanks

For back of the house use

Purpose of use :

- Gardening
- Car washing
- Road washing and cleaning

Resources:

- Recycled water from our own Sewage Treatment Plant
- Rain Water

6-year Water Consumption Record

From the attached report, it is clearly shown that Legian Beach Hotel has improved its water management by decreasing water consumption per guest through different water saving programs encouraged in the hotel that has been receiving increased participations.

YEAR	M3	USD VALUE
2011	0.78 m3 / guest / day	0.06/guest/day
2012	0.82 m3 / guest / day	0.30/guest/day
2013	0.56 m3 / guest / day	0.22/guest/day
2014	0.50 m3 / guest / day	0.17/guest/day
2015	0.54 m3 / guest / day	0.17/guest/day
2016	0.43 m3 / guest / day	0.13/guest/day

Summary

Good improvement shown in 2016 since we launched discount on Spa for not washing towel or bedsheet for the day. This program will be enhanced further by involving discounts on food and beverage.

Water Resources Prevention Plan

- To increase Biopori within the premises in order to maintain ground water level
- To install water tanks for rain water harvesting
- To continuously see the possibility in doing salt water desalination due to the close proximity of the hotel to the ocean
- To ensure that all the filtration systems are in working order on daily basis
- To ensure that all laundry machines are running in full load

Saving Opportunity

- Increase the "save water" program participation by relating the programs to discount on Spa, food & beverage or special "green" token.
- Increase the leakage checks operations
- Change all Urinoir at public toilets to use sensor to avoid leaks on manual flush system
- To change towels to smaller size

Reported by : Arif Billah / General Manager

Copy : Financial Controller, Chief Engineer, Executive Housekeeper, Executive Chef, Food & Beverage Manager