



PARADISE BAY

*Resort Hotel*



EU LIFE+ Investing in Water Project  
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By: Stanley R. Zammit

# Early Days at Paradise



- When the new Paradise Bay Hotel was built in 1974, separate drains were installed for sewage & grey water, that is the waste water from baths and basins.
- The resulting water was stored & used for gardening purposes.
- In the 80's, when water was a problem we invested in separate plumbing to be able to flush our toilets with sea water.

# Millennium Project

An aerial photograph of a large, modern building complex, likely a hotel or resort, built on a cliffside overlooking the ocean. The building features multiple courtyards with swimming pools and is surrounded by parking areas and landscaped grounds. The ocean is visible in the foreground, and the sky is clear.

- As the millennium approached & water services corporation was investing in sewage treatment plants it was made quiet clear to us that the use of sea water for flushing purposes had to be stopped as this negatively effected the sewage treatment plants.

# Grey Water Recycling

- The first part of the project involved restructuring the underground reservoir so as to reduce its size.
- Then after, we installed a settlement system, filtration, & chlorination plant.



# Water Saving



- We are recycling about 4500 cubic metres of water per year.
- We still have to add some second class water as through other water saving projects we do not have enough to flush all our toilets.
- Cost of running the plant is about 10Kwh of electricity per day & 1Kg of chlorine powder.
- Estimated cost at today's prices to install a similar system is about 35,000 to 40,000 Euros.



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★★★★

Thank you

By: Stanley R. Zammit

Tel. No: 21521166

E-mail: [stanley@paradise-bay.com](mailto:stanley@paradise-bay.com)