



Use of wastewater in agriculture in St. Kitts



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1 Production, collection and treatment

- The wastewater production for irrigation is done at the St. Kitts Marriott Hotel
- The water at the sewage plant at the St. Kitts Marriott is treated for its effluent
- There is little or no anaerobic treatment of wastewater.



2 Use and/or discharge



- The St. Kitts Marriott Hotel uses its wastewater to irrigate the golf course
- The disposal of wastewater is mainly done through a collection system of the sewage from houses and commercial business
- The St. Kitts Marriott Hotel requires 236 396.68 m³ to irrigate its golf course and they produce 272 765.4 m³ giving them a surplus of 36 368.72 m³.

3 Policies and institutional arrangements

- The Ministry of Health is responsible for the management of the wastewater in St. Kitts
- There is no national strategy to manage wastewater
- The Ministry of Health adopts the guidelines of the World Health Organization (WHO) for the Latin America and the wider Caribbean region



4 Research and development

- With respect to the research projects and the developing projects to date there is none to report on this current time.



5 Capacity development needs

- There is an urgent need for capacity building in the area of wastewater management and its safe use in the irrigation of crops.
- Public awareness campaign to educate the public
- Pilot project to demonstrate the safe use of wastewater

