

DEVELOPMENT OF WASTEWATER COLLECTION AND TREATMENT SYSTEM FOR PURI TOWN, INDIA

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ABSTRACT

Puri town, located on the Bay of Bengal coast in India has at present on-site sanitation system and an in drain grey water treatment system built near the coast. The system till recently was operating with zero discharge to Sea by reuse of treated effluent in high rate transpiration plantation system for growth of site specific plant species. However, this system out lived its service. There are technical (maintenance of the system) and legal (effect on wild life) issues associated with system. Public interest litigation was filed by a tourist for prevention of pollution of Sea and the beach by flow of untreated waste water. The town is implementing a conventional sewerage system for pollution prevention. The phase wise development and issues are discussed in this paper.

PALAVRA-CHAVE: Puri town, sewerage system, waste water treatment