

ANALYSIS OF ENVIRONMENTAL MANAGEMENT IN RURAL AQUEDUCTS IN THE NORTHERN ZONE OF COSTA RICA

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ABSTRACT

In Costa Rica practically all potable water and water sanitation services are provided by the government through the Costa Rican Aqueducts and Sewers Institute (A y A), Local Governments, Potable Water Associations (ASADAS) which administration of the systems has been delegated to but it remains controlled by A y A. This proposal attempts to develop and improve in life quality of inhabitants of the Northern Zone of Costa Rica by contributing from different areas of knowledge to increase associations' competitiveness regarding environmental managing of water resources administered by ASADAS. This environmental management model pretends an integral approach to the management of water resources offered by ASADAS by applying education and training, risk and vulnerability, chemical and microbiological analysis, implementation of technology and biological corridors as tools to direct their managing processes.

PALAVRA-CHAVE: Environmental management, water resource, rural aqueduct