Wastewater Treatment with Efficient Microorganism

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This project began as an initiative taking into account the serious problems in Nueva Palmira, regarding wastewater treatment (AR). Construction of sanitation is not expected until 2020 and settling pools have been untreated for 10 years long. This has worsened the quality of water being discharged into the River Uruguay, place of recreation and tourism in the city where drinking water to the entire population is obtained. In a first stage the cesspools were treated with Efficient Microorganisms (EM ®) as an inexpensive and quick way to improve the situation. The results are favorable in terms of physicochemical parameters. Microbiological results give almost double in AR treated compared to untreated Experiments were designed to look for the cause, in the first instance is noted that a underdosing with EM® worse the quality of AR. In contrast to dispense with the recommended dose of EM®, improve physicochemical and microbiological parameters. In a third step 2 cesspools with the amount of EM® obtained in the experiment are metered. Physicochemical and microbiological analyzes are performed and a significant improvement in the quality of wastewater is appreciate.

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