Wastewater treatment system with the best international standards

The system under construction includes various components:

1. Sewer network of 9 km long.
2. Two underground pumping stations, that will pump water collected in the sewer system to the treatment plant, through 2.7 km of pressurized pipelines.
3. The wastewater treatment plant will treat the wastewater.

We are working to improve life and the environment in Puerto Viejo

We offer our apologies for the inconvenience and invite you to support the future of Puerto Viejo

- Leave your vehicle in the parking lots or at the hotel
- Enjoy and explore Puerto Viejo on foot
- Respect the safety signs of the construction site

Project developed by:
SOCIAL MANAGEMENT TEAM:
Contractor Company, PTurbina 8706 3593
Project Management, UNOPS 7216 9288
+ Info: www.proyectoscostarica.org
The integrated wastewater treatment system will process the wastewater preventing any unhealthy exposure for the people living in or visiting the community. Bad odors will be eliminated as well.

Conditions in the coral reef located in front of the town will improve thanks to the decontamination of the organic matter produced by the wastewater.

It will also prevent the increasing contamination of the groundwater, which is currently affected by its proximity to the septic tank drains.

Future Benefits

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The Project in numbers

- **55%** of the workers belong to the territory of Talamanca
- **4,500** people benefited
- **Investment of $10,669,310**

**Financed by** AyA (Instituto Costarricense de Acueductos y Alcantarillados) and **CABEI** (Central American Bank for Economic Integration)

- **95%** progress of pipe installation
- The project will be operational in **2022**

**Diagram of the Treatment System**

**1. PRIMARY TREATMENT:** It is in the first process where the largest elements are separated (solid waste, grease and other particles) and they are eliminated through grids and tanks. The solids separated will be transferred to a sanitary landfill.

**2. SECONDARY TREATMENT:** This is followed by a biological treatment through bacteria that “eat” (process) fecal matter. Thereafter the water is of good quality.

**3. TERTIARY TREATMENT:** After the secondary treatment the disinfection of the water continues in new ponds. Here the water is chlorinated to eliminate the presence of dangerous microorganisms. The chlorine will be sodified so that it has no impact on marine life, when final disposal of the treated water is done.