

WASTEWATER PROJECT OPPORTUNITY

Tamboril Wastewater Treatment Plant Biogas Electricity Generation

Santiago, Dominican Republic

CORAASAN

OVERVIEW OF WASTEWATER PROJECT:

Tamboril Wastewater Treatment Plant (WWTP), located in Santiago, Dominican Republic, serves approximately 37,250 people and has design and operating influent flow rates of 0.629 cubic meters per second (m³/sec) and 0.085 m³/sec, respectively. The WWTP treats municipal wastewater and employs tertiary treatment.

The proposed project involves capturing the wastewater biogas, treating it (i.e., removing siloxanes and hydrogen sulfide [H₂S]), and generating electricity in a 750-kilowatt (kW) engine. The electricity will be used onsite.

ESTIMATED ANNUAL EMISSION REDUCTIONS: 825 MTCO₂E



EXPECTED BENEFITS

- Emissions reductions: 825 MTCO₂E per year
- Learning opportunity for students in the area of renewable energy

TYPES OF COOPERATION SOUGHT

- Technical assistance
- Financial assistance

FOR MORE INFORMATION

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