

project name	Urban Sanitation And Potable Water For The Town Of Caaguazú	
owner	Corposana (today ESSAP), Asunción (Paraguay)	
contractor/client	Consortium OBRASAN, Asunción (Paraguay)	
location	Caaguazú (Paraguay)	
project duration	begin	march 2000
	end	january 2002

The former state owned water purveyor Corposana received IADB funding for development of several urban sanitation and potable water projects. The Consortium OBRASAN has been awarded for the works for the city of Caaguazú of approximately 35,000 urban inhabitants.



sewage treatment (top): grit chamber (1), pond discharge (2)

responsibilities

project management, procurement and commissioning for the consortium:

- potable water system: network DN600-50 (24"-2"), pumping station, incl. power supply, semi buried water reservoir (7,500 m³/2 MMgal), water tower (500 m³/133 Mgal)
- sewage: collectors DN400 (14"), 2 pumping stations, incl. power supply, pressure mains, 3 facultative sewerage ponds (13.5 hectare (33.4 acre)), sewage treatment plant structures

Electromechanical shop drawings, alternative design:

- potable water pumping station
- 2 sanitary sewer pumping stations and pressure mains

