

TITLE AND LOCATION (CITY AND STATE) MONITORING THE FEASIBILITY STUDY FOR THE PROJECT: "REGULATION OF THE RIVER BY THE DAM CHONTA CHONTA CAJAMARCA, PERU		YEAR COMPLETED PROFESSIONAL SERVICES MARCH 2009 - PRESENT
PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Asociación Los Andes de Cajamarca (ALAC)	b. POINT OF CONTACT NAME Jose Chang Leon	c. POINT OF CONTACT TELEPHONE NUMBER (511) 076 – 366961

Objective

The Association Los Andes de Cajamarca (ALAC) is a corporate entity of Yanacocha mine, which is committed to contributing to sustainable development in Cajamarca, promoting the generation of business and institutional capacities to improve the welfare of the people of Cajamarca.

In March 2009, ALAC consortium hired Rizzo Associates Peru SA and HC & Asociados SRL to develop the supervision of the feasibility study of the project: "Regulation of the river by the dam Chonta Chonta."

The project's main objective is to regulate discharges Chonta River to provide water resources in a sustained and safe supply of drinking water to the city of Cajamarca, to facilitate the irrigation of 6,200 ha, with a hydroelectric power power 3 MW, and finally promote aquaculture and tourism in the region.

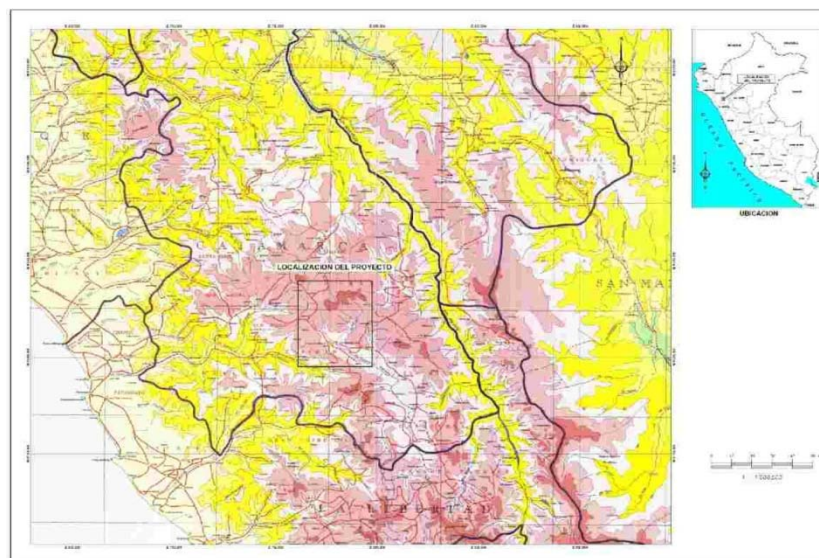
Note that the construction of the dam Chonta was declared of national interest and public need by the Peruvian government, through the law 29,216 dated April 23, 2008, entrusting to the Ministries of Energy and Mines, Agriculture, the Regional Government of Cajamarca and the Provincial Municipality of Cajamarca the completion of its construction.

Project Location

The project study area corresponds to the Chonta River basin which is located in Peru, Cajamarca, province of Cajamarca, in the districts of Baños del Inca, Encañada and Cajamarca.

The total area of the basin is 345.13 km2 and is made according to the classification of Pfafstetter by 8 sub-basins: High Chonta, Quebrada Soytorume, Middle High Chonta, Sulfur, Quinarius (Paccha) Chonta Lower Middle, and Lower Yanatotora Chonta.

Figure 1 shows the national and regional location of the project site and Figure 2 basin location.



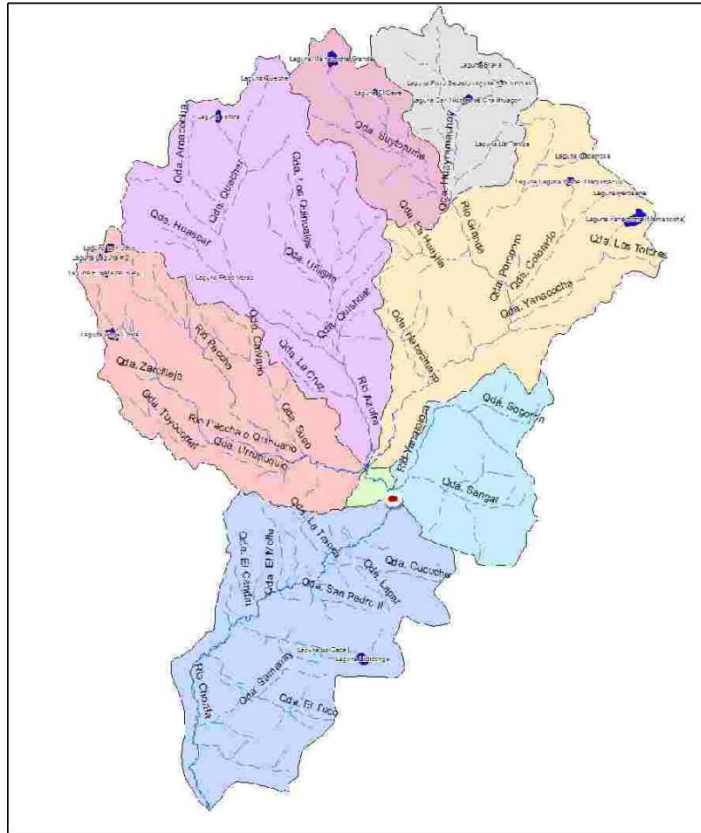


Figure 1 - national and regional location of the project site.

Figure 2 - Location basin. Basin and sub-basin of the river Chonta.

RIZZO is responsible for overseeing the implementation of the Feasibility Study for the project entitled "Regulation of the river by the dam Chonta Chonta" which is being developed by the consortium of companies Consulting Engineers Salzgitter GmbH (CES) and Services Engineering SA (SISA). Previous studies developed profile at the site defined as the closure (Sangal barrel) as the type of prey to be implanted (RCC). The feasibility study is developed from these definitions and following the guidelines established by SNIP-07 format (format governed by Peruvian public investment projects), which have an impact on the technical elements necessary to achieve adequate valuation of the investment costs to sustain a credible economic viability of the project through its social and private evaluation. Furthermore, the SNIP content includes issues related to sustainability and environmental feasibility of the project, organization and management models, the implementation plan, financing sources, development of logical framework matrix and the formulation of the line basis for assessing the impact of the project.

In compliance with the request in the Terms of Reference for ALAC, SNIP format will be enriched in the study including a heading of studies, including the legal aspects (CIRA and obtaining permits for the execution of the work), these institutional and management models and a study of Social and Economic



Impact, within which to formulate and implement a Social Management Plan and community relations, allowing the participation of all actors involved in the dam project Chonta.

Technical studies most relevant project listed below. In the pictures 1 and 2 shows the project area and rock samples collected at the site of the dam.

1. Basic engineering studies include: topography, hydrology, sedimentation, surface geology, geophysical, seismic, geotechnical investigations, laboratory testing.
2. The water supply for the project
3. The lands to be irrigated
4. The card or portfolio of crops
5. The water balance of the project
6. The feasibility level design of the dam
7. The design of irrigation infrastructure
8. Irrigation technology
9. Training Plans
10. Social Assessment
11. Private Evaluation
12. Environmental Impact Study (EIA)
13. Additional studies



Photo 1. Shows the river upstream from the canyon Chonta Sangal.





Photo 2. Rock sample from geotechnical studies in the area of the dam axis.

