

Fact Sheet – Chailhuagon Reservoir

In May 2013, Yanacocha completed construction of the Chailhuagon reservoir in Peru's Cajamarca region. Located approximately 75 kilometers via road from the city of Cajamarca the reservoir has a capacity of 2.6 million cubic meters (m³) and serves as a year-round water source for the communities of San Nicolas, Quinuapampa, San Juan Yerbabuena, Yerbabuena Chica, Porvenir, El Valle Maraypata and Lagunas de Combayo. In addition, Chailhuagon's sediment control structure has a substantial capacity of 460,000 m³.

Water flow from the reservoir will be regulated by engineered outlets that provide for the controlled and safe release of water to downstream communities. In the rainy season, the reservoir collects water from the Chailhuagon basin. During the dry season, water from the reservoir is released via gravity to downstream users.

Construction of the Chailhuagon reservoir and the associated sediment pond is part of the "water first" approach adopted by the Conga Project. Continued development of reservoirs and other Conga Project components will only continue if these activities can be done in a safe, socially and environmentally responsible manner with risk-adjusted returns that justify future investment.

Chailhuagon Reservoir Facts

Capacity	2.6 million m ³
Sediment Control Capacity	460,000 m ³
Surface Area	24.6 hectares
Maximum Depth	29.3 meters
Applicable Water Quality Standards	ECA 3 for agriculture
Uses	Irrigation water supply
Construction Completion Date	May 2013
Cost to Build	USD \$12.5 million
Local Employment	<ul style="list-style-type: none"> · 75 percent of contracted work to Local-Local contractors · 85 percent of contract employees were from the Cajamarca region

Before Chailhuagon Reservoir construction



After Chailhuagon Reservoir construction



Reservoir is located in upper right and sediment control structure is in lower left.