

SediCon Dredge for Paso Ancho HPP, Panama

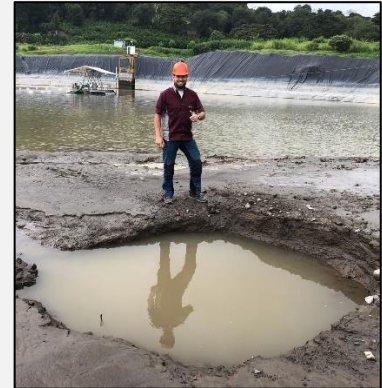
A SediCon Dredge was successfully installed and tested to remove the sediments in the pond.



SediCon dredge



Sediment discharge



Dredged point

Project Description:	7 MW run-of-river power plant commissioned 2010. 28.9GWh of annual production with a net head of 77 m and discharge of 9.0 m ³ /s. Hourly peaking reservoir with a total capacity of 70,000m ³ .
Location:	Volcán, Panamá 8.801075, -82.637148
Client:	Paso Ancho HPP
Sediment Challenge:	The peaking reservoir receives a large amount of sand and fine sediment every year. The sediment must be removed frequently to avoid operation problems, requiring drawdowns of the reservoir and interrupting the power production.
Solution:	SediCon supplied a SediCon Dredge capable of removing sediments without interfering with the power production. The equipment was especially designed for Paso Ancho's reservoir and was named "La Arenita" by the owner.
Implementation:	The SediCon Dredge was successfully installed and commissioned during by the end of August 2018.
Results:	Site Acceptance Tests showed a sediment removal capacity of approximately 40 m ³ /h.

SediCon is the leading supplier of sediment handling worldwide and provides reliable solutions with low water consumption and uninterrupted power production.