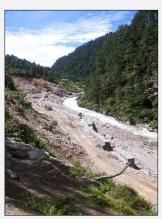


SediCon Sluicers for Upper Solu HEP, Nepal

SediCon will supply 3 SediCon Sluicers for Upper Solu HPP







Desander construction

Project Description: 23.5 MW, Run-of-River, expected to be commissioned on 2018

Annual production of 110 GWh, Gross head is 229.3 m and discharge is 12.26 m³/s.

Location: Solu Khola, Solukhumbu District, Nepal

27°32'53.3"N 86°34'51.1"E

Client: Upper Solu Hydro Electric Company Limited

Sediment Challenge: Solu Khola is a snow fed river that carries heavy sediment load during summer

season it transports a sediment concentration of up to 6000 ppm. During monsoon,

heavy rain causes important sediment transport.

Solution: SediCon re-designed the original 2 basin-desanders, proposing a single basin

including three SediCon Sluicers. The design will allow sediment removal without interrupting power production, with a minimum of water consumption and reducing the cost of the civil works. The SediCon Sluicers will have a combined capacity of up

to 1.000 ton of sediments per hour.

Implementation: Installation is expected by early 2018.

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