

14-December-2013

**REFERENCE:** Subcontract PSV-004

To whom it may concern

BAUER Spezialtiefbau GmbH, whose office is located at BAUER Straße 1, 86522 Schrobenhausen, Germany has carried out the construction of a single phase bentonite-cement cut off wall for the impermeabilization of the dam spillway of the San Vicente Dam in Ecuador, as part of the scope of works included in the "Contrato de Construcción para la Reparación de la Presa San Vicente que forma parte del Trasvase Chongón San Vicente, en la Provincia de Santa Elena" contract between SENAGUA and CONSTRUTORA NORBERTO ODEBRECHT S.A.

Details of the Contract

Execution period: January 2013 to April 2013

Location: San Vicente de Colonche – Guayas Province – Ecuador

Details of Cut-off wall

Volume: 2288m<sup>3</sup> / 2860m<sup>2</sup>

Length: 220m

Max. Depth: 19m

Thickness: 800mm

Geological conditions:

Crossed soil layers comprised mainly of Clayish Gravel backfill up to 6m deep followed by Sandy Silts up to 8m and Gravels mixed with Coarse Sand up to 13m. Embedment of the cut off wall was done between 13m and 14m deep in a Highly Weathered Greenish Grey Shale layer.

The BAUER team mobilized to the site prepared and executed the works with a thorough understanding of their trade. Trial mixes and proper quality management and control according with the detailed method statement helped attain the required standards for the finished product.

The work was carried out in a professional and satisfactory manner, according to specifications and within the contract's scope and term.

Sincerely,

Ricardo Vieira  
**Contract Director**