

WATEREX

NEWSLETTER

April/May
2015



FLOCCULANT

WATEREX HAS SUPPLIED A FLOCCULANT DOSING PLANT TO QLD.

Waterex has successfully supplied a flocculant batching and dosing plant for dosing of chemical flocculant into the site surface water storage dam inflow streams at Hay Point Coal Terminal, Queensland.



The plant works in a three stage process starting with the Polymer loading into the storage hopper, followed by the Polymer make-up in a mixing tank and finally the polymer injection into the dilution water circuit.

Excellence in Solids Liquid Separation Worldwide

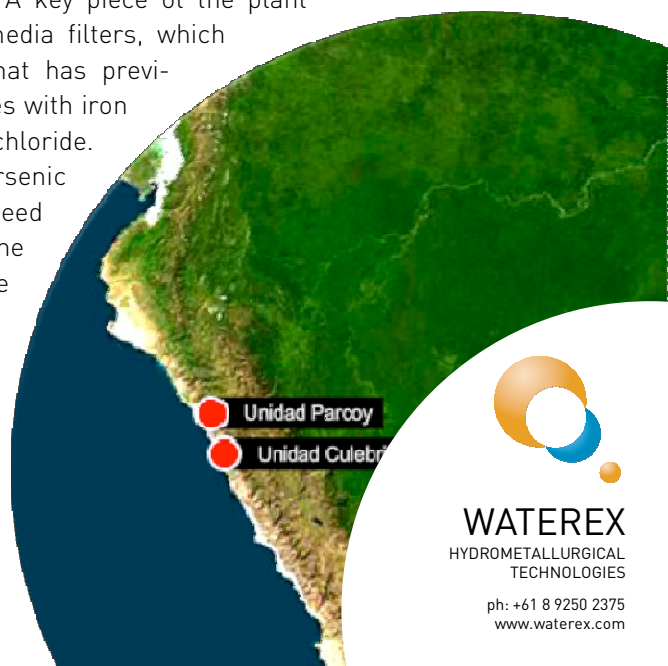
WATEREX PERU

WATEREX AUSTRALIA IN CONJUNCTION WITH WATEREX PERU HAS BEEN AWARDED THE SUPPLY OF A WATER TREATMENT PLANT FOR CMH IN PERU.

Waterex Australia in conjunction with Waterex Peru is currently transitioning into the installation phase of a water treatment plant for the Consorcio Minero Horizonte in Peru.



Due to the ore mineralogy and process conditions, a high level of arsenic accumulates in the process water. Using a combination of precipitation with solids recovery via a clarifier and media filters, the arsenic concentration is reduced by a minimum of 95% to meet the client's specifications. A key piece of the plant design is a train of media filters, which remove the arsenic that has previously formed complexes with iron by dosing with ferric chloride. By reducing the arsenic concentration in the feed stream, a portion of the product stream can be safely discharged into the local watercourse, maintaining the water balance within the plant.



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