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REDUCED WATER CONSUMPTION IN RECOVERED PAPER PLANT FOR SUSTAINABLE DEVELOPMENT

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Abstract

Regardless of the production branch, advanced closing of water circuits in an industrial unit is a today's requirement. To fulfill this, an advanced treatment of residual water is needed. Use of both specialized devices and specific chemicals leads to clear water that can be further reused. In this paper, the obtained performances with a unit, which uses dissolving air flotation principles for treating the residual water from a recovered paper de-inking plant, are presented.

Key words: de-inking, dissolving air, effluent flotation, ink, waste water, white water

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