

CAF® CASE STUDY

Pulp and Paper #2



Problem:

This company manufactures box board, chip and manila line. It furnishes recycled paper (box, cardboard and newsprint) and it operates 335 days/year on a one-cylinder machine.

The DAF was not meeting sewer requirements and posed a maintenance problem. The effluent water could not be recycled.



Solution:

Hydrocal installed a CAF-100 unit to replace the DAF and seventeen pumps. The CAF enables the plant to recycle clean water to pulper and showers, recover fiber and lower electrical bill.

Influent: 500 gpm at 1200 PPM

Effluent: 500 gpm at 150 PPM recycled

Chemical cost: \$12,000 - \$15,000/year.

CAF Advantages

Sewer Bill (Reason Bought)

Power Savings

Water Savings

Returned Fiber

Reduced Maintenance

**Payback in one year with
electrical savings alone.**

The Solution is Clear.

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