



Kapstone Containers, Fridley

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Organization

KapStone's Fridley Plant manufactures single and double layer corrugated board and then cuts and prints the board making boxes to customer specifications.

Intern Project

Identify root causes of paper waste and water use; recommend solutions to reduce water and paper waste.

Incentives to Change

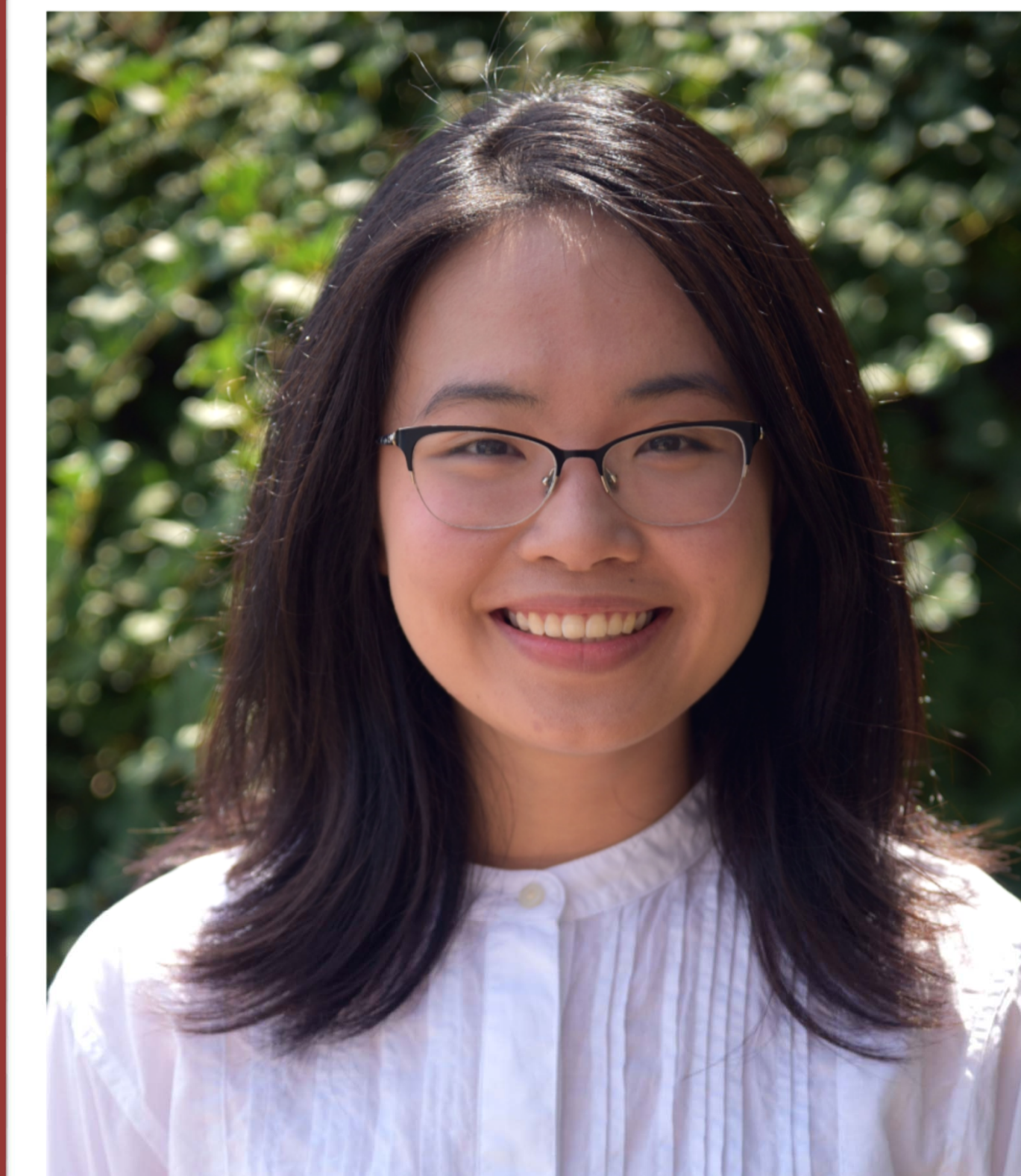
Kapstone uses more than 11 million gallons of water (\$100,000/yr) and generates about 9 million pounds of paper waste annually.

Solutions

Reduce single-facer cooling water
by installing a pressure regulator
& adjusting the control valve
to save 2,200,000 gallons of
water annually.

Prevent over-filling buckets
with a float switch to save
500,000 gallons of water annually.

Repair leaking valves
to save 250,000 gallons annually.



Minnesota Technical
Assistance Program