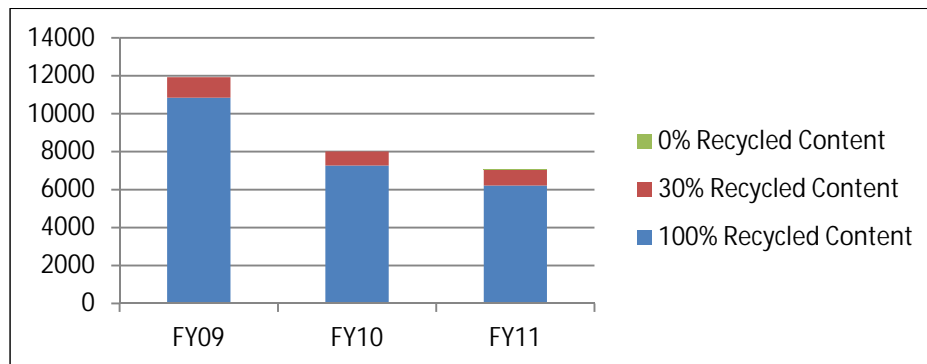


## MPCA Continues on Paper Reduction Trend in FY11

Congratulations to us! Since FY09, MPCA has seen an incredible 40% reduction in paper purchases. The MPCA has set an excellent example for other state government agencies in Minnesota and elsewhere. Talk about leading from the front.

Paper purchases are the metric the agency uses to track paper use. And by this metric, paper use has been dropping steadily...



Are we using less paper because we have fewer people? Nope. Our per capita paper use in FY09 was 6,360 sheets per FTE. In FY10, that number dropped to 4,370 per FTE. And for FY11, we're down again to 3,811 sheets per person. Nicely done, everyone!

That means that PCA staff use only about 1/3 the paper of the average office worker -- 10,000 sheets per FTE, a number that has held stubbornly firm for several years and was found again in a 2010 UK study.

So how did we do it? This dramatic drop is thanks to the staff's more careful printing and copying behavior, use of the multi-function copy machines and the many staff teams that switched paper-based permit or reporting systems to electronic systems.

It is thanks as well to the diligent efforts and systemic thinking of the Administrative and Business Systems Management Team. New in FY11, the MPCA stopped ordering preprinted letterhead and instead shifted to using an electronic letterhead template that is stored in the multifunction printer/copiers. Letterhead is always there when you need it. And no more wasting paper on large orders of letterhead with typos from the vendor. (Yes, that *did* happen.)

Reducing paper use means we use taxpayer money more wisely, preserving our budget for what really matters. But more importantly, paper and pulp mills are consistently in the top 10 industries for toxic releases and total waste in Minnesota and elsewhere. Reducing paper use and maximizing the recycled paper content of what we do use, means we are walking our talk and working towards being an ever more sustainable agency.

	FY09 MPCA Paper Impacts	FY11 MPCA Paper Impacts	Resources Conserved through Reduced Paper Use
Wood Use	7 tons	5 tons	2 tons
Net Energy	669 million BTU's	400 million BTU's	258 million BTU's
SO <sub>2</sub>	736 lbs	436 lbs	299 lbs
Greenhouse Gases	106,152 lbs CO <sub>2</sub> e	63,826 lbs CO <sub>2</sub> e	42,326 lbs CO <sub>2</sub> e
NO <sub>x</sub>	253 lbs	150 lbs	103 lbs
Particulates	99 lbs	60 lbs	39 lbs
HAPs	29 lbs	18 lbs	11 lbs
VOCs	46 lbs	27 lbs	19 lbs
Wastewater	331,468 gallons	200,629 gallons	130,839 gallons
Biochemical Oxygen Demand	205	123	82 lbs
Total Suspended Solids	316 lbs	190 lbs	126 lbs
Chemical Oxygen Demand	836 lbs	491 lbs	345 lbs
Solid Waste	36,310 lbs	21,779 lbs	14,531 lbs

(Environmental impact estimates were made using the Environmental Paper Network Paper Calculator. For more information visit [www.papercalculator.org](http://www.papercalculator.org) )