

# Annual Green Tier Report

**Times Printing Co.  
100 Industrial Drive  
Random Lake, WI 53075**

## **Tier 1 2009 Annual Report (Year 2008)**

### **Introduction/Executive Summary**

2008 brought a focus of changing press chemistry within Times Printing. The biggest accomplishment of the year has been going through numerous tests to find a lower VOC wash for our web presses, and after months and months of testing; we found a wash that has worked! We have slowly been changing over throughout the year and have ended the 2008 year with 3 presses on a blanket wash that gives us a reduction of 20% VOC from our previous wash.

The year has also brought a new certification to Times Printing. We were certified in August, 2008 to be a Forest Stewardship Council (FSC) printer, and have run a few jobs in the last half of 2008 as FSC jobs.

### **Environmental Performance**

1. VOC and Air Toxic Emissions Reductions
  - a. The pressroom department has finally found a lower voc blanket wash that is compatible with our other chemistries. The wash is a lower health risk to our employees, and reduces the total plant VOC's from wash by 2.21%. Three of our web presses as of November 2008, have switched from our low vapor pressure, 100% VOC Wash to a low vapor pressure, 80% VOC wash. It is a total reduction of 20% of VOC's in the wash. The change in chemistry has shown results and has reduced our VOC's from wash by 867.6 lb in 2008. As we continue to make progress with bringing other presses online, we are expecting to see more of a drop in 2009.
  - b. The finishing department has now completely switched from a methyl alcohol inkjet to an acetone inkjet in 2008 which reduced our VOC's from inkjet to zero.
  
2. Waste Minimization
  - a. Recycling Stations – We currently recycle all types of items including glass, plastic strapping, and scrap paper. The paper gets bailed and sent off to Fort Howard/Ecosource where the paper is introduced into the process of becoming recycled paper products. There are recycling stations out on the floor and we have increased

our recycling and decreased our general garbage output through the compactor. We recycled 15,381,630 lbs of paper in 2008, and 158,452lbs of cardboard rolls and cores.

- b. Ink recycling continues to be strong at Times Printing. We recycled 3410 gallons of ink in 2008 through Envirosafe and in coordination with EMCO.
  - c. Recycling of our absorbent socks and pads is also strong, with having recycled 24 drums or 1320 gallons of absorbent material in 2008 with CRI Recycling.
3. Waste Oil – In 2008 we began a partnership with Safety Kleen to recycle our oil from the pressroom and from the vehicles. Safety Kleen takes the used oil and reblends it to be used for other products. We began recycling with safety kleen half way through 2008, and so far have recycled 685 gallons.
  4. Alternative chemistry – We continue to push the use of soy inks through our printing process. In 2008, we began the usage of a new web ink from Hostmann-Steinberg that has a range from 9 to 12% of soy oil, and it is used on a regular basis with everyday jobs, not just those specifically requested to use soy ink. The ink contains between 22 and 26% renewable resources in each color. In 2008, 24,864.22lbs of our ink was soy oil, and we used 232,485lbs of soy ink. Our total web ink usage was 937,901lbs in 2008, so of the total web ink used throughout the plant, 24.7% of the ink was soy ink. That is a major increase from the previous year.
  5. Reduction of energy consumption
    - a. Internally, we have looked at various ways to reduce our energy consumption, specifically in the heating and cooling department. We are currently working on engineering changes in the plant to reroute heat and pressure from the bailer to control the heating and cooling of the plant. We realized we send quite a bit of internal air out of the building. This is detrimental especially in the summer when we are trying to keep the plant cooler. This is a work in progress right now, and 2008 saw some movement in bailer pipes.
    - b. The plant as a whole has gone through some awareness on lighting and energy issues as well. Many departments are shutting lights off when particular areas are not in use. This continues to grow and we look to show some differences in usage in 2009 coupled with the above issue in 5a.
    - c. As a whole, energy consumption was down throughout the year 2008. We saw a 2,552,214kWh reduction from 2007. This could be for a number of different reasons, including a slower economy coupled with reductions made in energy usage in house. The focus of 2009 and beyond will be to monitor the reduction from each

project more closely so we can relate the energy reduction to the project more closely.

6. **5S and Lean and Green Printing – Times Printing started the journey into Lean Manufacturing and 5S in 2008 as well. Our initial activity has been educating the proposed leaders in the company on Lean manufacturing and 5S. The company began in the late half of 2008 to conduct 5S projects throughout the plant. The 5S was done on parts of the finishing department, and the goal for 2009 is to get into the pressroom and finalize the finishing department. The 5S and Lean Manufacturing has played hand in hand with our green tier objectives and will continue to work hand in hand to make our company a more sustainable printer.**