Project Overview

TRI-CON INDUSTRIES, LTD.

Industrial Placement
Intern: Cassie McBride
Major: Chemical and Bimolecular Engineering
School: University of Nebraska-Lincoln

The Company
Tri-Con Industries, Ltd. is a Japanese owned company whose main branch, Stitch, is located in Japan. They have two locations in Lincoln. The manufacturing plant produces seats for recreational vehicles such as Jet Ski's, motorcycles, and golf carts. Their main buyer is Kawasaki but they also supply Honda and Yamaha. The stamping plant produces top and bottom metal plates for automotive seats. They supply companies such as Honda, Nissan, and Toyota.

Project Description
Tri-Con is an ISO14000 certified company and as such they are dedicated to making advances toward pollution prevention. The main project for 2007 was the creation and implementation of storm water pollution prevention plans (SWPPPs) for both Lincoln facilities. These plans are designed to minimize pollution of storm water. Other projects included waste assessments and MSDS and chemical labeling system improvements, and health and safety improvements

Pollution Prevention Benefits
Several recommendations were designed to prevent and minimize water contaminants in the storm drains and the nearby creek. There were also several recommendations related to recycling that have the potential of resulting in significant waste reduction and cost savings for the manufacturing facility. Table 1 below illustrates specific suggestions and what the related pollution prevention (P2) benefits and cost savings are.

Table 1. Pollution Prevention Opportunities and Benefits Summary

Pollution Prevention Opportunity	P2 Benefits	Potential Waste Reduction	Cost Savings
Storm Water Pollution Prevention Plan	Water Contamination Prevention	minimal	$12,000
Vinyl Recycling	Waste Reduction	617,143 pounds	$16,381
Purged Plastic Recycling	Waste Reduction	77,143 pounds	$9,762
Equipment Replacement	Waste Reduction	104 gallons	$642
Production Department Improvements	Safety and Health Minimize Environmental Impact	minimal	$600