



Environmental Stewardship Program

Caterpillar Remanufacturing Division

Success Story

Recycling, Electrical Reduction, and Water Reduction

Background

Caterpillar Remanufacturing Division is located in Franklin, IN (Johnson County) and employs 600 Hoosiers. Caterpillar has been an Environmental Stewardship Program (ESP) member since August 2008.

“Being a Member of the Environmental Stewardship Program shows our commitment that Caterpillar believes in doing our part to conserve and ensure we have sustainable practices that protect the environment and our community,” said William Hayes, EHS & Security Manager, Caterpillar Remanufacturing Powertrain Division.

Caterpillar has benefited from ESP membership by seeing quicker turnaround for permit modifications and amendments. They have had the opportunity to see what other ESP companies are doing with their sustainable practices. In addition, Caterpillar has had the opportunity to receive compliance and technical assistance from the Indiana Department of Environmental Management, as offered to ESP members.

Caterpillar also sponsors United Way activities such as the “Day of Caring,” helping business by planting trees, gardening, and building beautification projects. Caterpillar partners with Duke Energy in the “Power Share Program” by shedding power in the plant to help support more critical areas of the local community.

Project Implementation

Through several Six Sigma projects, Caterpillar implemented an oil reuse project in 2008 and a lighting project that automatically turns off lights at set intervals was implemented in 2009. Additional implemented projects included improvements to the engine testing processes and upgrading manual flush valves in washrooms to automated flush valves.

Results

- The oil used to test engines was reused resulting in a net savings of 35,425 gallons of oil purchase per year.
- The automatic lighting project saved 920 kWh.
- An improvement to the engine testing process reduces oxides of nitrogen (NOx) emissions by 9.9 tons.
- Switching to automatic flush valves saved 679,120 gallons of water per year.

Cost Savings

Caterpillar saved \$40,000 with the lighting project, but did not report monetary cost savings from the other projects. For more information on these projects, please feel free to contact Mr. William Hayes.

Facility Contact

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