



Minnesota

Department of Natural Resources

**Toxics Reduction in Fleets
Using Green Star-Certified Mechanical Facilities**

February 23rd, 2012

Scope

- 4 Regional Shops: New Ulm, Bemidji, Saint Paul, Grand Rapids.
- Over 5000 Fleet vehicles in service; about 40% of all equipment services go through DNR shops, the balance are serviced by local vendors.
- Waste products generated:
 - Oil
 - Solvents
 - Batteries
 - Cleaners

Adaptive management

- Shops are pro-actively managed to sustain a low carbon footprint.
- Actively engaged to continuously improve upon outcomes.
- One outcome—the shops are in their fifth year of being certified as a Green Star facility based on a biennial audit of environmental practices.
- Sponsored by the Minnesota Pollution Control Agency. Under this program, the shop is audited for all components of purchasing, daily operations and downstream environmental impacts



Minnesota Pollution Control Agency

Green Star Facility

*For successful participation in the
Environmental Audit Program*

Minnesota Department of
Natural Resources

1200 Warner Road
Saint Paul, Minnesota 55106

Paul Eger

Paul Eger, Commissioner

Expires: March 25, 2013

01/27/2012



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Snapshot

DNR Region 3— Central St. Paul

In CY 2011:

- 1600 shop jobs completed

- 15 gallons of solvent recycled

- 680 lbs. lead acid batteries recycled

- 30 lbs. oil sorbent used and recycled

- 260 gallons of oil recycled

We take care when collecting all waste products



We take care in choosing our collection systems for recycling oils and solvents



We take care in our collection systems and recycling waste products



We select products that are environmentally safe

