



Environmental Stewardship Categories

1. Environmental Policy
2. Environmental Management System
3. Annual Environmental Report
4. Carbon Footprint Analysis
5. Environmental Purchasing Policy
6. Vendor/Supply Chain Requirements
7. Mentoring to Other Businesses
8. Outreach Program
9. Green Building Certification
10. Green Building Implementation
11. Life Cycle Assessments
- 12. Hazardous Materials Reduction**
13. Water Use Reduction
14. Material Conservation
15. Employee Trip Reduction
16. Process/Operation Energy Use Reduction
17. Transportation Energy Use Reduction
18. Renewable Energy Use
19. Environmental Enhancement Projects
20. Innovative Program
21. EPA Voluntary Programs



New Jersey Department of Environmental Protection

Bob Martin, Commissioner

Chris Christie, Governor

Kim Guadagno, Lt. Governor

For more information visit:

<http://www.stewardship.nj.gov/>

Or Contact:

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Hazardous Materials Reduction



Part of the **Environmental Stewardship Initiative**: a voluntary program that utilizes existing Department infrastructure and personnel to capture information during routine enforcement inspections and recognize members of the regulated community who are engaging in positive activities that benefit the environment.

NJDEP



Qualifying for Hazardous Materials Reduction Stewardship Recognition

To receive stewardship recognition for **HAZARDOUS MATERIALS REDUCTION** a site must implement changes that result in a reduction in the amount of hazardous materials used or disposed of at the site. Facilities should be able to produce documentation showing a reduction in the amount of hazardous materials used or disposed of at the facility within the last year.

Pollution prevention through **HAZARDOUS MATERIALS REDUCTION**

*Reduction measurements must be production adjusted (cannot result merely from a slow business cycle)



*Reduced risk with same volume of material can qualify for recognition (ie. switch from high to low hazard).



*Waste reduction may be a goal set by an Environmental Management System and tracked in an Annual Report.

HAZARDOUS MATERIALS REDUCTION

can be achieved through:

- ⇒ Reduction in the volume of hazardous materials used or disposed of at a site.
- ⇒ Reduction in the risk / potential harm of the hazardous material used or disposed of at a site.
- ⇒ Operation changes resulting in more efficient use or discarding of hazardous materials.
- ⇒ Change in the type of materials used or disposed of at the site.



More about Hazardous Materials Reduction:

1. The EPA has deemed 31 varieties of chemical waste as 'priority chemicals,' calling for minimization of their use or generation, including:

- Fluorene
- Dioxins / Furans
- Mercury
- Cadmium
- Lead
- Pyrene

(For full list visit: <http://www.epa.gov/waste/hazard/wastemin/priority.htm>)

2. Hazardous materials and waste reduction may be accomplished or aided by:

- developing an environmental management system
- choosing more benign / eco-friendly chemicals
- implementing more efficient manufacturing practices
- neutralizing wastes
- utilizing waste for safe energy generation.

For more information on **HAZARDOUS MATERIALS REDUCTION**, visit:

Guidance on Inherently Safer Technology

<http://www.state.nj.us/dep/rpp/brp/tcpa/tcpadown.htm>

Creating a Waste Reduction Program

<http://business.earth911.com/green-guides/create-a-waste-reduction-program/>

EPA - Hazardous Wastes

<http://www.epa.gov/osw/hazard/index.htm>

University of Washington, Environmental Health and Safety - Hazardous Waste Minimization

<http://www.ehs.washington.edu/epohazreduce/index.shtm>