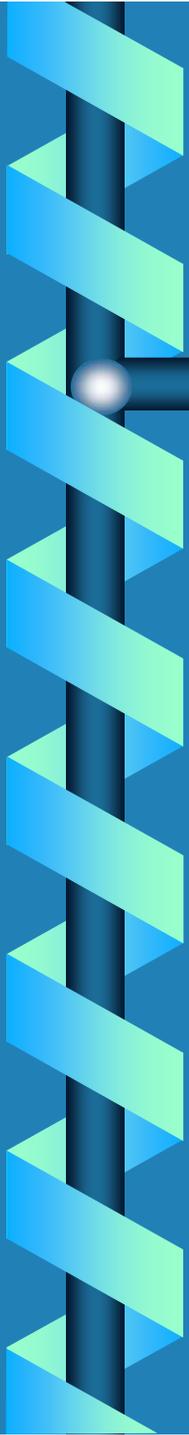




NJ Green Cleaning

Ω Executive Order 76 (EO 76)

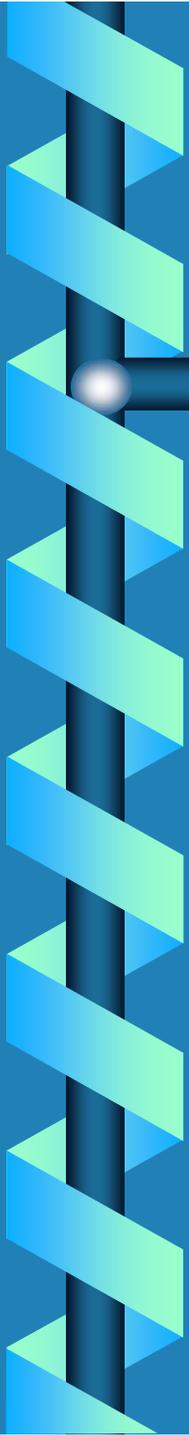
- Issued January 2006
- Directs state agencies to purchase environmentally preferable cleaning products
 - cleaning products that minimize potential impacts to human health and the environment
 - can use up existing inventories
- Encourages non-state agencies to do the same



NJ Green Cleaning

Ω EO 76

- Directs departments of Treasury, Health and Environmental Protection to establish guidelines/regulations to implement order
- Directs Treasury to issue report
 - Governor and legislature
 - Within one year



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∞ Workgroup Formed

- **Treasury, DEP, Health**
 - Reviewed MA RFR (RFR#GR016 October 2002)
 - Reviewed NY Green Cleaning for Schools guidance document (August 2006)
 - Reviewed Green Seal & Env Choice Criteria Docs
 - Reviewed USEPA's Design for the Environment (DfE) Formulators Initiative
 - Limited input from industry/trade associations

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∞ Workgroup Goal

- **Develop standards that met the following criteria:**
 - - **Protective of human health & environment**
 - **measurable/defensible/competitive**
 - **Green Seal/Env Choice best available**
 - **DfE process rigid enough to meet criteria**



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∞ Workgroup Recommendations

- Request for Proposal (RFP) would contain a combination of Green Seal and Env Choice requirements
- Spell out requirements as opposed to just referencing Green Seal/Env Choice

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∞ Performance Standards

- General & product-specific

∞ Health and Environmental Standards

- Toxicity, carcinogens, endocrine disruptors, reproductive toxins
- Skin & eye irritation, skin sensitization
- Combustibility
- Photochemical smog, tropospheric ozone production & indoor air quality
- Toxicity to aquatic life
- Aquatic biodegradability
- Eutrophication
- Packaging
- Concentrates
- Fragrances
- Prohibited ingredients
 - General & product-specific

∞ Labeling

∞ Documentation

∞ Training

- Vendor must provide mandatory training on use of products

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∞ Toxicity

- The *undiluted* product/s shall meet the following toxicity criteria. Dispensing-system concentrates shall be tested as used. A product is considered toxic if any of the following criteria apply:
- Oral lethal dose (LD⁵⁰) < 2,000 mg/kg
- Inhalation lethal concentration (LC⁵⁰) < 20 mg/L*

∞ Floor Finishes

- Oral lethal dose (LD⁵⁰) < 2,000 mg/kg
- Inhalation lethal concentration (LC⁵⁰) < 20 mg/L*
- Or
- Calculated LD⁵⁰ (oral rat) of <6,000 mg/kg

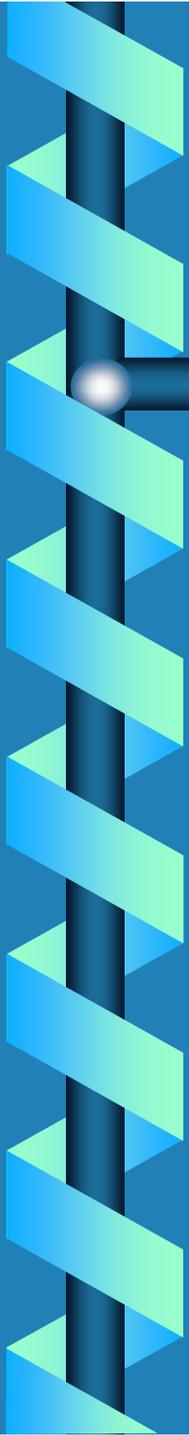
∞ Floor Strippers

- Oral lethal dose (LD⁵⁰) < 2,000 mg/kg
- Inhalation lethal concentration (LC⁵⁰) < 20 mg/L*
- Or
- Calculated (LD⁵⁰) (oral rat) of < 4000 mg/kg

NJ Green Cleaning

Ω Documentation

- A Green Seal certification (GS-37) for each of the products bid
- or
- Environmental Choice Certification (CCD-146)
- or
- Proof of recognition by US Environmental Protection Agency's (EPA) by Design for the Environment (DfE) for each product that carries the DfE logo
- or
- Green Seal (GS-40) Certification
- or
- Environmental Choice Certification (CCD-147)



NJ Green Cleaning

Ω Documentation

- A complete, signed affidavit from a certified testing laboratory stating that the cleaning product meets or exceeds the Performance and Health and Environmental Standards contained in this document
- Ω This was removed from the final RFP due to objections from vendors



NJ Green Cleaning

- ⌚ RFP issued March 2007
- ⌚ Contract effective 8/15/07 to 8/14/08
- ⌚ 5 vendors listed on the contract
- ⌚ <http://www.state.nj.us/treasury/purchase/noa/contracts/t2513.shtml>



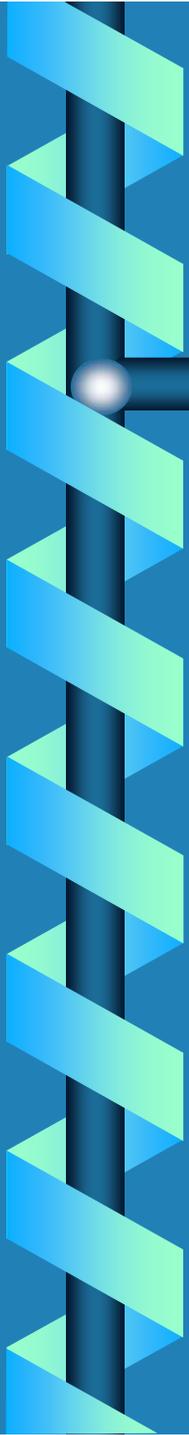
NJ Going Beyond

- ∞ **Executive Order 11**
 - Issued April 2006
- ∞ **Creates Director of Energy Savings - Treasury**
- ∞ **Requires implementation of program to:**
 - increase energy efficiency
 - reduce energy usage
 - improve the procurement of energy for all State facilities
- ∞

NJ Going Beyond

⌚ Executive Order 11

- **Requires each State agency to appoint/reappoint a coordinator from procurement staff to work with Director of Energy Savings**
 - procurement of energy, energy efficient products and equipment, renewable energy products, recycled products, low toxicity products and alternatives to products that contain mercury, lead, or other persistent bioaccumulative toxics (PBTs), and other products manufactured through environmentally sustainable methods
 - products/services must be competitively priced
 - no more than 15% above comparable products/services



NJ Going Beyond

⌚ Legislation passed January 2008

- Requires Treasury, in consultation with NJDEP, to develop, and update periodically, a list of sources for green product purchasing
- Gives Treasury the authority to specify appropriate and reasonable standards for the identification of a list of sources for green products



NJ Going Beyond

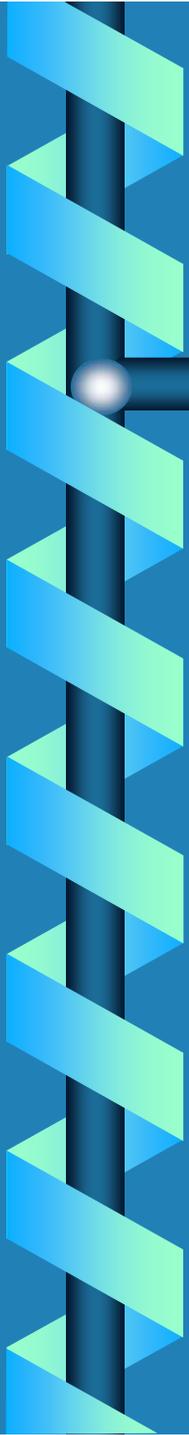
∞ Legislation passed January 2008

- NJDEP currently reviewing all State contracts to identify any green or environmentally preferable purchasing (EPP) components
- Treasury will develop a website listing all green/EPP contracts
- NJDEP will prioritize products/contracts for inclusion of additional/enhanced green/EPP components

NJ Going Beyond

Ω Green/EPP IT purchasing

- P2 program working with NJDEP IT program to develop guidelines/standards for green/EPP IT purchasing
 - Reviewing existing contract language (WSCA)
 - Reviewing NJ E-Waste Legislation
 - prohibits sale of electronic devices (includes IT equipment) that does not comply with EU Directive 2002/95/EC
 - » Directive prohibits products that contain lead, mercury, cadmium, hex chrome, polybrominated biphenyls or polybrominated diphenyl ethers
 - » are limited exceptions
 - Reviewing EPA's EPEAT program



NJ Green Cleaning

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