

Michigan Pollution Prevention Update

GLRPPR Winter Meeting
March 5-6, 2003

Administrative Changes

- Jennifer Granholm - Governor
- Steven Chester - Director of DEQ
- Focus on values, stewardship and teamwork
- First 100 days each agency to target tasks to achieve
- Balance budget for FY 03 and FY 04

Environmental Science and Services Division Target Tasks 2003

- Research & Develop **Electronic Waste** Recycling Infrastructure
- Lead the Green Government Initiative - **Energy Efficiency** in DEQ Office Facilities
- **Land Use** Decision Making - Environmental Protection Guidebook for Local Officials
- Lead the Green Government Initiative - Promoting **Environmentally Preferred Purchasing** Practices
- Continue the Lead in **Mercury Reduction** Activity

ESSD Existing Program Accomplishments 2002

- Clean Air Assistance Program CAAP and P2 Field Staff responded to 2,100 requests for air quality and P2 information
- Compliance Assistance Staff responded to nearly 5,000 requests
- Over 500 businesses and facilities representing a variety of Standard Industrial Classifications participated in one of our voluntary partnership programs

ESSD Existing Program Accomplishments 2002

- RETAP (Retired Engineer Technical Assistance Program) 152 Assessments resulting in E2 and Waste Reduction Savings of \$145,000 annually per company
- Collected over 10,000 pounds of mercury for recycling (including 49,000 devices)
- Received four National Awards for P2 Programs

RETAP 2003

- Technology Demonstration Grants will be awarded mid to late May, 2003 for innovative technology applications in-process to achieve waste reduction goals. Target manufacturing and agricultural sectors.
- Student Internship Program will place 10-16 engineering students from Michigan universities into small to medium size companies. 2002 interns saved host companies an average of \$9,500/year in reduced operating costs.

Guides and Publications

- Updated bound copy of **Michigan Manufacturers' Guide to Environmental, Safety and Health Regulations**
- **Michigan Mercury Switch Study**,
December - 2002
- **The Green Industry Guide to Environmental Purchasing**, January, 2003

Individual Project Update

- Washtenaw County P2 Computer Recovery Project. Partnerships with local government agencies and non-profits to sustain the program locally. Recycle Ann Arbor offers drive through service for continuous drop off of electronic equipment
- Estimates 23,000 pounds of electronic equipment has been recycled. 1,447 lbs. Lead; 216 lbs. Cadmium; 51 lbs. Mercury; 145 lbs. Hexavalent Chrome; 723 lbs. Barium; 506 lbs. Zinc and 3,254 lbs. Aluminum

More on Mercury Reduction

- Integration of P2 into SEPs - Working with AQD to fund Mercury P2 projects, including removal of mercury auto switches, thermometer exchange program, and funding Clean Sweeps as SEPS in enforcement actions.
- Mercury Reduction in Schools NPPR award winning CD. Phase out deadline Dec. 2004
- Atmospheric Mercury Monitoring Network and Workshop. March 26-27, 2003, Lansing Center

Emerging Focus Issues in Michigan

- Alternative Fuels, Biodiesel
- P2 in State Parks
- P2 in Wellhead Protection Areas
- Green Marinas
- EMS for Municipal Facilities
- Identifying new target PBT chemicals

Other Upcoming Events

- March 12, 2003 Department of Defense P2 Workshop - Selfridge ANG Base
- March 19, 2003 Air and Waste Management Workshop, Fetzer Center, WMU
- March 24, 2003 Agriculture's Conference on the Environment
- April 22, 2003 Earth Day
- May 20-21, 2003 Michigan Recycling Coalition 21st Conference, Kalamazoo Radisson

Michigan P2 Web Site

www.michigan.gov/deq