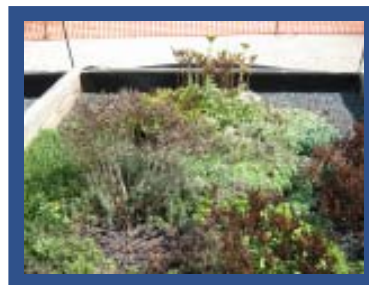
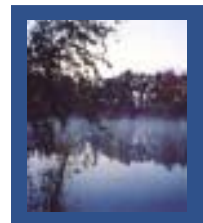
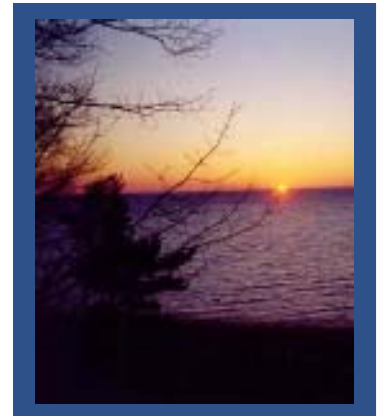
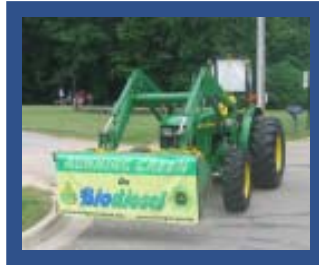




**PROTECTING
MICHIGAN'S ENVIRONMENT,
ENSURING
MICHIGAN'S FUTURE,
PREVENTING POLLUTION**

2005 ANNUAL REPORT

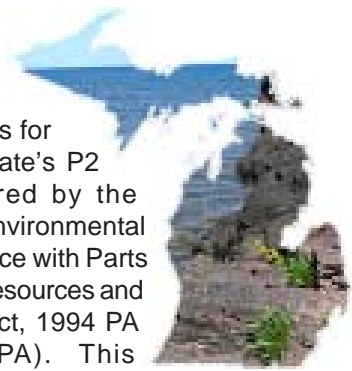


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Michigan Department of Environmental Quality

INTRODUCTION

Protecting Michigan's environment through pollution prevention (P2) is a key element in preserving Michigan's natural resources for future generations. The state's P2 programs are administered by the Michigan Department of Environmental Quality (MDEQ) in accordance with Parts 143 and 145 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). This legislation, enacted in 1987 and amended under Act No. 289, Public Acts of 1998, entrusts the MDEQ with the responsibility for:



- Infusing P2 into MDEQ regulatory and permits programs,
- Educating and serving as a catalyst for change within the business community to bring about reductions in the generation of environmental wastes, and
- Providing technical and financial assistance to small businesses and institutions to facilitate in-plant P2.

The MDEQ's P2 programs are a conduit for non-regulatory assistance to businesses, institutions, and local communities to improve the environment and protect workers and citizens from exposure to harmful substances. Under our sector partnerships, specific industries are provided customized assistance, and participating facilities are publicly recognized for their accomplishments. Other initiatives focus on specific waste streams or environmental issues of community-wide concern. Demonstrations and evaluations of P2 technology increase its acceptance and use within industry.

Technical and financial services are offered to assist businesses with identifying and implementing process efficiencies and alternatives to using hazardous and toxic materials. This includes free, confidential, on-site assistance available to businesses with 500 employees or less in Michigan. Businesses may also be eligible for low-interest loans, technology demonstration grants, and student interns. MDEQ fact sheets and case studies provide information on the application of techniques to further water conservation, energy efficiency, chemical use reduction, and recycling. Pollution prevention staff works with local businesses, trade and professional associations, county health departments, and MDEQ's regulatory staff to offer assistance at the local level.

This annual report fulfills the reporting requirements to the Legislature and showcases Michigan's P2 programs and the importance of taking care of Michigan's resources.

COMMUNITIES

Pollution prevention encourages stronger, healthier communities. The MDEQ's P2 Program is taking an active role in bringing the message of P2 to Michigan communities.



Schools can be a source for teaching environmental responsibility.

Waste reduction and P2 encourage safety for students, teachers, and building staff, as well as help the environment. Schools are well recognized in the community and can be a familiar source for disseminating information on waste reduction and P2 and setting an example. Practicing waste reduction and P2 in schools teaches environmental responsibility. By emphasizing the importance of these

approaches to their students, teachers can help instill habits that will be valuable for the rest of their lives. In 2005, the MDEQ provided matching grants to 11 schools and school districts through our **P2 in Schools Initiative** for school chemical waste reduction efforts. These grants addressed waste reduction of school chemicals by not only cleaning out excess, unused, and improperly stored chemicals, but also by implementing mechanisms in schools for minimizing the use of toxic chemicals and reducing accumulation of chemicals in the future.

The **Household Hazardous Waste (HHW) Grant Program**, funded under the Clean Michigan Initiative, encourages community development of HHW collections in areas of the state where this service is not available. This one-time grant program provided funding for communities to initiate or expand HHW collections. Although funding was only available for two years, the communities involved committed to seven years of collections. The ongoing HHW collections continue to increase the ability of Michigan residents to properly and conveniently dispose of their hazardous wastes. These collections are important to ensure the continued protection of Michigan's waters from the impact of illegal dumping and improper storage of hazardous materials. An important piece of this program has been the educational component which promotes the use of non-hazardous alternative or substitute products.

The MDEQ works with the **Native American tribes of Michigan** as part of a nation-wide consortium of tribal environmental managers and P2 experts. At the National Tribal Conference on Environmental Management in June 2005, the Web site www.tribalp2.org was launched specifically to assist tribes with P2. The MDEQ assists tribes in accessing our P2 programs and provide support in their efforts to foster stewardship and environmental management of tribal lands and infrastructure.

Agricultural Pollution Prevention (AgP2) strives to sustain a growing and vibrant agricultural economy in Michigan. The AgP2 partnership, initiated with the Michigan Department of Agriculture, agricultural associations and farmers, is a coordinated effort among producers, agricultural service providers, and public agencies to promote voluntary P2, green technologies, energy efficiency, and renewable resources. The partnership goals focus on preventing agricultural pollution through increased efficiency, while maintaining and improving on-farm profitability. While continuing to effectively protect the environment and human health, future agri-environmental programs must embrace

the philosophy that pollutants should be reduced through multi-media system approaches that emphasize the partnership goals.

Electronic products have made life easier and faster, more efficient, and more fun. Common electronic products such as computers, televisions, cellular phones, and PDAs are replaced at an incredibly fast pace. What happens to those electronics at the end of their useful lives? Not only are obsolete electronics a high-volume waste, they often contain hazardous materials such as lead, mercury, brominated flame retardants, and other toxic materials. In the past five years, the MDEQ has offered grant programs to help communities collect electronic waste for safe management and recycling. The **Community Pollution Prevention Grant Program** awarded funding to four communities for electronic waste collections in 2005: Western Upper Peninsula, Genesee County, Leelanau County, and Greater Detroit. This grant program allowed these communities to divert over 50 tons of electronics from landfills by recycling. Additionally, these communities tracked their electronic collections in order to provide the state with data for basing future resource decisions of managing electronic waste.

As part of the Governor's economic plan, the **Cool Cities Program** helps revitalize Michigan's cities by retaining and attracting the jobs and people critical to the emerging economies of the 21st century while also reducing pollution to improve the quality of the environment. Communities across the state create vibrant, attractive places for people to live, work, and play. P2 opportunities for Cool Cities include, but are not limited to, "green" building, landscaping for water quality, and recycling. Additional P2 tools that Cool Cities can make use of are the Retired Engineer Technical Assistance Program (RETAP), RETAP Student Internship Program, and the Small Business P2 Loan Program. The first-year participants in the program report the designation helped create 400 new jobs and retain 500 existing jobs. The year-old program enabled 19 projects to have priority access to more than \$100 million in existing grants, loans and other resources.

The **Neighborhood Environmental Partners (NEP) Program** offers business and citizen groups the opportunity to work together to make their neighborhoods cleaner and more attractive places to live and work. Each year, partners in the Clean Corporate Citizens (C3) Program are recognized for community-based environmental projects under the NEP. Four C3 companies were awarded the NEP Gold Award for their outstanding commitment to community-based environmental



MDEQ recognizes the Neighborhood Environmental Partners Gold Award winners.

projects. MDEQ Director Steven E. Chester presented the awards to Smurfit Stone Container Corporation - Ontonagon Mill, Pfizer Global Research and Development - Ann Arbor Laboratories, Consumers Energy - J.R. Whiting Plant, and Dow Corning - Midland Site, along with their community partners. "These companies are recognized for building active relationships between businesses and their neighbors to improve the local environment across Michigan," said Director Chester. "These facilities have made an ongoing commitment to local environmental projects and have demonstrated their enthusiasm to contributing and improving their neighborhoods."

GREENING GOVERNMENT

The MDEQ, in collaboration with the Department of Labor and Economic Growth, brought together business, manufacturing, environmental groups, energy consultants, and others to develop recommendations on innovative ways to promote energy efficiency and clean manufacturing technologies. This collaboration was in support of Governor Jennifer M. Granholm's plan for making Michigan an economic powerhouse state for the 21st century through strategies that not only attract and retain business, but also reduce emissions and pollution to improve the quality of life for Michigan's citizens.

On Earth Day 2005, Governor Granholm issued Executive Directive 2005-4 mandating energy efficiency in state facilities and operations. Leading by example, government agencies were directed to make operations more energy efficient, purchase environmentally preferred products, ensure that new building construction and renovations would be "green" and meet certification standards by **Leadership in Energy and Environmental Design (LEED)**, and purchase alternative fuel vehicles for the vehicle fleet. The directive requires that current state facilities operate in a money-saving, energy-efficient manner and that new ones are designed to minimize their impact on the environment.

The MDEQ Southeast Michigan District Office is among Michigan's first "green" state office buildings. Located in Warren, Michigan, the building incorporates



MDEQ's District Office in Warren is LEED certified.

"green" design that will reduce potable water usage by 20 percent and energy usage by 35 percent compared to conventional construction. This not only means a cost savings for the state, currently in tight budget times, but even more in the future with projected higher energy costs. This is in addition to being resource efficient and having an overall reduction in pollution. The purchase of renewable energy alone

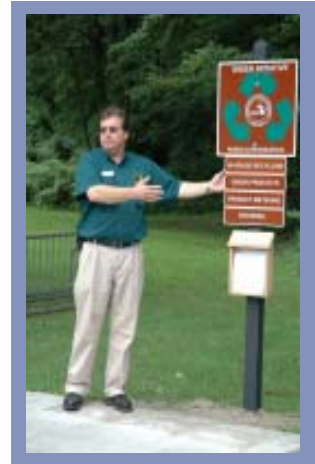
will reduce the building's related air emissions of CO₂ by 597,235 pounds and 1,287 pounds of NO_x, which is equivalent to taking 52 cars off the road or planting 81 trees.

During the year, P2 and energy efficiency assessments were conducted at over 30 state-owned and leased facilities. The **Retired Engineers Technical Assistance Program (RETAP)** assessments focused on conservation measures to be found in heating, ventilation, and air conditioning (HVAC) and steam operations, lighting and electrical usage, and water and sewer usage. These assessments identified over \$3 million in potential savings that can be achieved annually through the adoption of various P2 and energy conservation measures.

Our **Environmentally Preferred Purchasing (EPP)** initiatives encouraged and increased the use of products and services that are preferred environmentally within state government and by Michigan P2 partners and businesses, municipalities, and the general populace. Substituting certain products with environmentally preferred products and services can have an enormous impact on the environment, especially when considering raw materials, production, manufacturing, packaging, distribution, reuse, operation, maintenance, and disposal of the product. A Memorandum of Understanding (MOU) between the Michigan Department of Management and Budget and the MDEQ created a statewide purchasing partnership to increase the use of environmentally preferred products in state government. Through the partnership, fact sheets and environmental purchasing bulletins were published, highlighting products that were tested and certified to meet performance and environmental standards. The purchases of environmentally preferable products

and services by state and local governments will continue to contribute to the overall demand for these types of products and services. This will help increase the number and quality of such products in the marketplace, making it easier for interested individuals to purchase environmentally preferred products and services at a competitive price.

The Michigan Department of Natural Resources (MDNR), Parks and Recreation Division, in partnership with the MDEQ, formed a **Green Initiatives Committee** charged with researching and testing environmentally preferred management practices and products for use at state parks, recreation areas, boating access sites, and state harbors. This initiative has resulted in the use of Green Seal-approved products for all cleaning supplies along with the use of a metering device to ensure proper amount of cleaning chemicals used, resulting in a reduction of waste. Biodiesel fuel is being used in diesel burning vehicles and equipment by the MDNR, resulting in fewer emissions, cleaner burning engines, and decreased reliance on fossil fuels. The MDNR and MDEQ are working together to tell the story of greening the parks and environmental stewardship to the 28 million people who visit our state parks annually.



MDEQ and MDNR are working together to “green” Michigan’s state parks.

Regulatory Integration is a means of promoting P2 to businesses, industry, and municipalities utilizing the outreach potential of MDEQ staff through permitting, rulemaking, compliance inspection, and enforcement program areas. The MDEQ Environmental Science and Services P2 Field Services staff facilitate integration of P2 into all MDEQ programs by working with department staff and serving as resources to provide assistance to regulated facilities. The P2 Field staff accompany inspectors to facilities, contribute to proposals for Supplemental Environmental Projects used in enforcement cases, provide follow-up services to businesses and institutions wishing to implement P2, and work closely with the MDEQ regulatory staff to disseminate P2 information through workshop presentations and through written resource materials.

During **P2 week** in September, regulatory staff are recognized each year through the P2 Staff Award. The award recognizes employees who show initiative and imagination in developing and implementing approaches to advocate P2 through MDEQ regulatory programs. These individuals use regulatory tools, outreach, “teachable moments,” written materials, and site visits to educate and encourage facilities in P2 concepts. Their creative efforts promote change and resulted in a number of Michigan facilities adopting P2 practices.

Our **Department of Defense/Michigan Environmental Alliance** (DOD/MEA) partnership is another example of integrating P2 in government. The DOD/MEA have refocused and re-energized the goals and mission of the partnership, which is to “create a voluntary environmental alliance within the state of Michigan that aims to promote environmental stewardship and pollution prevention, conserve resources, foster community well-being, and achieve state and federal environmental priorities, while assuring mission readiness.” Two P2 committees created at the U.S. Army Garrison – Michigan (Detroit) and the U.S. Army Garrison – Michigan (Selfridge) were modeled after the MDEQ P2 Recycling Committee in Constitution Hall, Lansing, Michigan. Volunteers were appointed and assigned to monitor and educate recycling habits in each of the work areas.

FINANCIAL SERVICES

The generation of environmental wastes represents significant costs to businesses, society, and the environment through their release, disposal, treatment, and control. The costs to businesses are many including fees for disposal, discharge and hauling of wastes, capital and operating costs for waste treatment systems, higher insurance, liability, and regulatory compliance costs, worker health and safety concerns, and reduced efficiencies due to lost product and raw materials and increased labor costs. While the costs to society and the environment are typically less direct than the costs to businesses, they are well recognized and considered of equal or greater importance.

The MDEQ is committed to forming partnerships with interested groups and local community organizations to achieve the mutual goal of protecting and enhancing environmental quality in Michigan for the benefit of current and future generations. The MDEQ provides funding opportunities through grants and loans which emphasize P2 to help the citizens and businesses of Michigan make informed decisions and take actions that conserve resources and prevent pollution and waste. Some of these grant projects are discussed in the Communities section. Descriptions of the financial services that support P2 initiatives are listed below.

In 2005, the **Technology Demonstration Program** was fully integrated under the Michigan Pollution Prevention Research Grant Program. The grant program provides



University students research and implement innovative P2 technologies.

matching grants to universities and community colleges to partially cover expenditures for the first implementation or the continued research and development of innovative P2 technologies having the potential to reduce the quantity or toxicity of specific environmental wastes currently generated by Michigan businesses. Under the restructured program, Wayne State University was awarded a matching grant to document the P2 benefits of experimental, zero discharge systems for the cleaning and electroplating of metal parts under actual production conditions at a small Michigan plating facility. The technology, once fully developed, could reduce a plating company's chemical usage by 60 percent, wastewater sludge

generation by 75 percent, and water usage by 50 percent. Results from two other technology demonstration projects were showcased in 2005:

- More than 40 people visited the injection molding and metal fabrication operations of Dunnage Engineering Inc., Brighton, to obtain first-hand knowledge of the innovative, non-chemical water treatment unit the company integrated into its cooling tower system. The technology successfully eliminated the facility's use and discharge of water treatment chemicals and reduced wastewater discharges from the cooling tower by 99 percent (or 75,000 gallons per year). The project's payback is less than three years. The technology has since been adopted by another Michigan business and university.
- Jones Farm Meats, Saranac, was host to 24 individuals interested in touring the first, full-scale composting facility in Michigan for the recycling of meat processing by-products. The meat processing facility is saving \$4,500 annually by composting more than 500,000 pounds per year of meat processing waste materials into a beneficial end-product for crop production. The compost is currently used as a slow-release fertilizer and soil amendment on adjacent farm fields, but Jones Farm Meats is pursuing the sale of the compost to local greenhouse operations.

The **Shooting Range Environmental Stewardship Program (SRESP)** is a program funded by the Clean Michigan Initiative and administered by the Michigan United Conservation Clubs to assist shooting ranges in understanding and meeting their responsibilities to manage their shooting ranges in an environmentally sound manner. To qualify to be enrolled in the SRESP, clubs must attend an educational workshop, perform a site assessment, develop a draft Environmental Management Plan (EMP), participate in a second on-site workshop to review and discuss the draft EMP, finalize

the EMP, and commit to and implement the EMP. As of November 2005, 86 clubs/shooting ranges attended the educational workshops; 9 have participated in the second on-site workshop; 7 clubs have scheduled on-site workshops in December 2005 and January 2006; and more have indicated interest in scheduling an on-site workshop at their range.



Island Lake Recreational Shooting Range.

The Small Business P2 Loan Program

provides low-interest loans for projects that reduce waste or conserve water or energy. The program has consistently offered small businesses incentives to initiate or expand on P2 activities to save money. In fact, since the program's inception in 2000, over \$1,760,000 in loans has been funded



Small Business P2 Loans are available to initiate or expand on P2 activities to save money.

to 23 small businesses. To be eligible for a loan, a project must reduce waste generated by the facility, reuse or recycle that waste in an environmentally sound way, or reduce water or energy usage. Types of projects that may be funded include: equipment or technology modifications; process or procedure modifications; redesign of products and substitution of raw materials; improvement in housekeeping, maintenance, training, or inventory control; or certain energy efficiency or water conservation improvements. Recommendations from a RETAP assessment are also eligible for funding. The program is looking to grow in

2006, identifying areas to leverage resources to increase energy efficiency investment as well as market recent legislative changes.

ANNUAL RESULTS REPORTED FROM ALL 23 BORROWERS:

Waste Reduction

- 550 lbs./year perchloroethylene filter waste
- 24 spent filters/year
- 75 gallons/year perchloroethylene solvent/sludge waste
- 30,000 lbs. solid waste
- 7,200 lbs./year F006 hazardous waste
- 100 gallons of used motor oil
- 438 cubic yards/year manure waste

Water Conservation

- over 23 million gallons/year

Energy Conservation

- over 12,000 kilo watts per year
- 4,275 gallons of gasoline

Source Reduction

- 3,566 gallons/year of perchloroethylene (over 24 tons)
- 516 gallons/year of x-ray photo developing chemicals
- 18,300 x-ray films/year
- 3,750 feet of printer film
- 1,320 printer plates
- 2,180 lbs./year plating make-up chemicals
- Save \$8,240 on agri-chemical use (25% reduction)
- Commercial Nitrogen fertilizer: 92,300 pounds
- Commercial Phosphorus fertilizer: 116,590 pounds
- Commercial Potassium fertilizer: 151,440 pounds

BUSINESS SERVICES

The MDEQ P2 Program offers businesses a forum for sharing technologies and strategies through our P2 partnerships and initiatives. Most partners have reduced energy costs, water usage, chemical usage, and generation of hazardous, toxic or solid wastes. Our initiatives encourage environmentally preferred purchasing within industry sectors such as the boating industry, machine shops, automotive repair service shops, and small manufacturing facilities. In addition to the financial benefits, businesses and organizations that participate in these partnerships receive public recognition for various accomplishments and improve corporate relations. Many Michigan businesses are involved in multiple MDEQ programs.

The **Clean Corporate Citizen (C3) Program**, established under Administrative Rules R324.1501 to R324.1511, allows regulated establishments that have demonstrated environmental



stewardship and a strong environmental ethic through their operations in Michigan to be recognized as Clean Corporate Citizens. The C3 Program is built on the concept that these Michigan facilities can be relied upon to carry out their environmental protection responsibilities without rigorous oversight and should enjoy greater permitting flexibility than those that have not demonstrated that level of environmental stewardship. Clean Corporate Citizens who voluntarily participate in this program receive public recognition and are entitled to certain regulatory benefits, including expedited permits. At the end of Fiscal Year 2005, there were 104 Clean Corporate Citizens in Michigan, with 23 companies brand new to the program during the year.

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The **Michigan Great Printers Project (MI-GPP)** promotes P2 as a standard practice of the printing industry. Through the project, printers, print buyers, suppliers, regulatory agencies, and technical assistance providers work to create a cooperative business environment that is both economically sound and conducive to P2. Over 80 percent of current members have chosen source reduction as the preferred P2 method for helping to achieve environmental compliance. Participating printers are encouraged to take a pledge to recycle, reuse, and reduce, incorporate P2 in their business, and to work with customers to help them reduce waste.

The **Pulp, Paper, and Products Pollution Prevention Program (P5)** is a voluntary P2 partnership between the MDEQ, the Michigan Pulp and Paper Environmental Council (MPPEC), and the Michigan Forest Products Council, whereby facilities make quantifiable commitment to P2 activities, set goals, report (confidentially) on their progress, and participate in technology transfer. Participation in the P5 Program is open to Michigan's pulp, paper, and wood products industries and is not based on a compliance review. The program's success is the result of members' efforts to go beyond regulatory requirements to demonstrate their commitment to both the local and global environment. Member companies, in partnership with the MDEQ, work together to learn from each other, provide technical support, and obtain environmental results that may not otherwise have been achieved. Recycling, source reduction, process efficiency improvements and chemical substitutions are some of the primary means by which this group attains its environmental goals.

Clean water and a healthy biological environment are essential components of the Michigan boating experience. The **Michigan Clean Marina Program** encourages marinas to develop technically sound and economically achievable approaches that minimize environmental impact and reduce the generation of waste. This public-private partnership includes three primary organizations: the marina industry (Michigan Boating Industries Association), academic institutions (Michigan State University and the University of Michigan via the Michigan Sea Grant College Program), as well as federal and state government (NOAA-National Sea Grant and the MDEQ). To date, 40 Michigan marinas have pledged to become certified as a Clean Marina.

The **Michigan Turfgrass Environmental Stewardship Program** combines the efforts of the turfgrass industry, state agencies, Michigan State University, and environmental advocacy groups to advance the environmental stewardship of the turfgrass industry and to recognize

environmental achievements. The program receives support from the Michigan Department of Agriculture, Michigan Turfgrass Foundation, MDEQ, and Golf Association of Michigan. There are currently 226 members participating with a total of 58 golf courses having been certified. Major accomplishments throughout the year include: completion of "Best Management Practices for Non-Agricultural Irrigators" document, North Michigan Pesticide Container Recycling Project, 2nd Annual Fundraiser Golf Outing, and the MIOSHA Consultant Walk Through project.



Over 226 members participate in the Michigan Turfgrass Environmental Stewardship Program.

The Retired Engineer Technical Assistance Program (RETAP) Internship Program places

engineering students from Michigan colleges and universities in small to medium size companies to work on projects that integrate P2 practices and technologies into manufacturing operations. Eligible businesses receive free technical assistance to carry out a P2 project that reduces waste, increases process efficiency, and/or saves money while contributing to a student's education. Eleven students from six universities were at eleven different sites gaining valuable work experience and knowledge outside the classroom, while successfully implementing cost-effective P2 and energy efficiency projects at a variety of businesses in both manufacturing and agricultural industries. Two examples are:

- A junior, majoring in mechanical engineering at Lawrence Technological University, was successful at implementing measures that reduced the electrical, natural gas, and water consumption resulting in savings exceeding \$56,000 per year at Metalworks, a metal prefabrication facility located in Ludington, Michigan. The cost savings were the result of an energy and water resource audit conducted by the student on the plant's electric, natural gas, and water usage. The results of the audit led to a decrease in water usage in the coating line operation and reductions in natural gas usage by incorporating a water preheat operation that used spent heat from the curing oven to heat water for rinse water operation.
- A senior, majoring in electrical engineering at Saginaw Valley State University, conducted an energy efficiency audit at Pratt Whitney, an aerospace company located in Lansing, Michigan. The student recommended a production schedule for energy use that would reduce usage during peak times, resulting in a cost savings exceeding \$40,000 the first year. The intern recommended the purchase of equipment that would lower electrical demand and operational costs. The recommendations included replacing older T-12 light fixtures with T-8 lighting fixtures, motion detectors, separating switches to illuminate sections of supply rooms, and timer switches for less frequently used storage and production areas.

The MDEQ's **Advancing Pollution Prevention Throughout Michigan Health Care Program** has increased awareness of P2 and technical assistance at health care facilities, including hospitals, nursing homes, and urgent care facilities, which is the focus for the partnership among the MDEQ, Michigan Hospital Association, the Upper Peninsula Healthcare Network, the Ecology Center, and others. Two matching grants were issued to health care facilities. The first grant is expected to recycle solvents, methanol, and xylene for reuse by a pathologist and histologist instead of disposal. The second grant is targeted to develop a system for tracking, analyzing, and assessing the effectiveness of P2 and energy efficiency (E2) practices within the health care industry, with emphasis on those facilities assessed by RETAP. More health care facilities are getting involved in P2 and E2 by utilizing assistance from the MDEQ such as scheduling RETAP assessments, researching our Web sites and fact sheets, as well as utilizing the Recycled Materials Market Directory database on-line.

MDEQ, with other partners, received a grant from the EPA to work on "Creating a Model for Pollution Prevention Diffusion in the Office Furniture Manufacturing Industry - A Network to Green the Supply Chain" to provide technical assistance and services to improve environmental performance in small- and medium-sized businesses supplying the office furniture manufacturing industry in West Michigan. The project team, consisting of MDEQ staff and partners on the **Green Suppliers Network** technical review team, evaluates current conditions on a process line and recommends strategic waste reduction and lean manufacturing options for participating facilities. To accelerate the adoption of the recommendations, the MDEQ commits to follow-

BUSINESS SERVICES (continued)

up activities to engage suppliers in the Michigan Business Pollution Prevention Partnership (MBP3) and the RETAP Internship and Technical Demonstration Programs.

In 2005, the **Green Suppliers Network** technical review team completed five supplier reviews. Aggregated potential cost savings to these companies are identified in Table 1. Aggregated potential environmental savings are identified in Table 2. Three of the five companies are currently implementing some or all of the recommendations and realizing both cost savings and reductions in their environmental footprint. The review team will be working with twelve additional suppliers in 2006.

Table 1: GSN Aggregate Dollars Savings Data for Office Furniture – 5 Technical Reviews (NIST-10-12-05)

Lean Savings	\$1,031,617
Clean Savings	\$892,227
Total Recurring Savings	\$1,923,844
One Time Conversions to Cash (Inventory Reduction)	\$2,401,782

Table 2: GSN Aggregate Environmental Data for Office Furniture – 5 Technical Reviews (NIST-10-12-05)

Energy Conservation (MM BTU's)	69,745
Water Conservation (gallons)	5,561,000
Air Emission Reduction CO2 (lbs)	2,200
Solid Waste Reduction (lbs)	207,669
Water Pollution Reduction (gallons)	90,000

SPECIAL PROJECTS

MDEQ focuses efforts in a number of special areas that have an impact throughout our society—from government to industry to the community. Opportunities for P2 exist in more specialized industry sectors. Through special projects, the MDEQ encourages recycling of common electronic products, promotes the elimination of mercury and lead in our environment, and provides education and outreach to the regulated community and the general public in a number of areas.

Electronic products are integral to our daily lives. Obsolete electronics generate a high volume of plastic and glass waste in addition to containing hazardous materials such as lead, mercury, and



City of Lansing Electronics Recycling Collection

brominated flame retardants and other toxic materials. MDEQ staff has provided information about electronic waste recycling to businesses and residents for nearly a decade and has worked to improve how we manage the volumes of electronic waste (e-waste) and promote recycling. The MDEQ is involved in national and regional discussions about this growing concern to make sure that Michigan will be involved in any innovative plan to manage its e-waste.

In 2003, MDEQ established the **Michigan Electronic Waste Stakeholders Work Group (Work Group)**. This Work Group, convened at the request of the MDEQ Director in March 2003, used the experience of stakeholders representing industry, environmental groups, regional

electronic waste projects, and government staff to develop recommendations for improving electronic waste recycling in Michigan. To date, the Work Group has:

- Provided the MDEQ Director with preliminary recommendations to improve public education and build awareness of regulatory obligations by large electronic waste generators and for state government to improve its purchasing and end-of life management of its own information technology, and more.
- Drafted a final recommendation on how the state could support a recycling infrastructure for the waste electronics generate. For several years, bans on disposal of waste electronics have been

introduced in the Michigan legislature. Several landfills have already banned the disposal of televisions and computer monitors containing cathode ray tubes. With the potential of this material being banned from disposal in many Michigan landfills, this final recommendation could be used to build an alternative infrastructure to manage this waste.

MDEQ staff has been involved in identifying and helping to eliminate unnecessary uses of mercury in hundreds of applications since the early nineties by encouraging use of mercury-free substitutes. This practice eliminates potential public health threats that stem from spills and/or improper disposal of mercury. More than a decade ago, the **Michigan Mercury Pollution Prevention Task Force** addressed the issue of mercury used in lighting switches and anti-lock braking systems (ABS) in the manufacture of automobiles. As of the 2003 model year, mercury convenience lighting switches and ABS modules are no longer used in vehicle manufacture. However, mercury switches and ABS continue to pose a problem in thousands of pre-2003 vehicles that are retired annually. The challenge for the next decade is to safely remove mercury switches before vehicle bodies are crushed, shredded, or smelted during the process of making new steel.

The MDEQ and the Alliance of Automobile Manufacturers (Alliance) created a joint, voluntary recovery program in 2004 for the statewide collection of mercury switches and ABS modules from end-of-life vehicles. The purpose of the new **Michigan Mercury Switch/Sweep (M2S2) Program** is to ensure that mercury switches are safely removed from vehicles and that no mercury is released to the environment. The goal is to inspect and, when present, remove mercury parts from at least 80 percent of the total number of motor vehicles salvaged in Michigan each year. The agreement between the MDEQ and the Alliance is in effect until September 30, 2006.



Mercury switches removed from salvaged vehicles.

The M2S2 Program is actively working to recruit participants from the estimated 600 dismantlers in the state. It provides program participants such things as educational materials, instructions, buckets, mercury spill kits, collection and transportation services, and recognition. The current membership includes some city impoundment lots and a few body shops. The city of Grand Rapids performed an intensive marketing/outreach campaign in Kent County and the surrounding area in the fall of 2004 to test various strategies which could garner support for this newly emerging program. The campaign was funded by a state P2 Grant from MDEQ.

The combined efforts of the M2S2 Program (including the Clean Sweep disposal services) captured more than 20,300 mercury switches in 2005. Calculations suggest this equates to 16.24 kg of liquid elemental mercury that has been taken out of vehicles destined for shredding and steel smelting. However, no ABS modules have been reported as having been recovered.

Throughout 2005, the **Economic Development and Growth through Environmental Efficiency (EDGE2) Advisory Group** has been engaged in a collaborative effort with state energy suppliers, environmental groups, as well as major manufacturers and manufacturing organizations, to provide input on promoting greater energy efficiency and expanded use of renewable energy and clean technologies in Michigan. The EDGE2 Advisory Group was tasked with providing recommendations to Governor Jennifer M. Granholm in order to enhance Michigan's global position in attracting businesses and jobs related to alternative energies and clean technologies while simultaneously reducing our dependence on imported energy and fuels. These issues are important to the well being of Michigan's citizens, business, and economy. One of the major recommendations from EDGE2 was acted upon by Governor Granholm through Executive Directive 2005-4 (Energy Efficiency in State Facilities and Operations) on Earth Day 2005. The Governor directed that the state should lead by example to reduce energy use in all state operations. The Executive Directive also charged the EDGE2 Advisory Group to recommend additional opportunities to promote greater energy efficiency and expanded use of clean technologies in Michigan. The Advisory Group has provided recommendations to the Governor which would position Michigan as a champion in advancing energy efficiency and clean technologies while simultaneously growing our economy in a bold, new direction.

MEASUREMENTS

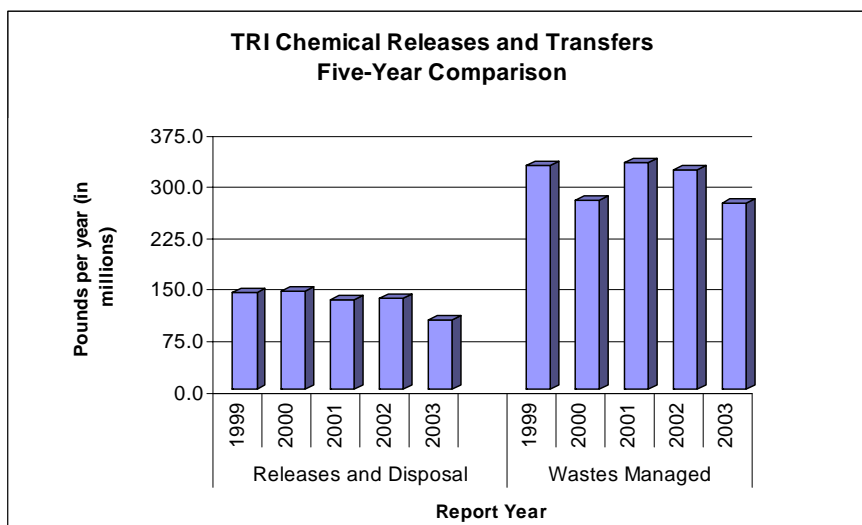
Toxic Chemical Release Inventory

Each year, facilities in certain industry sectors that manufacture, process, or otherwise use toxic chemicals above certain thresholds must report the quantities released and disposed, and managed as wastes.

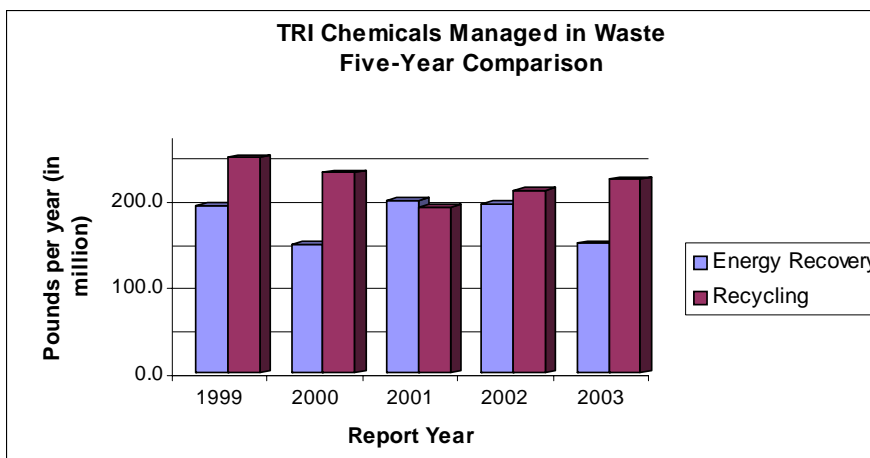
Results for 2003, the most recent reporting year for which data is available, show that statewide, facilities reported 102 million pounds released and disposed. For 2002, facilities reported 134 million pounds.

Graph 1 shows the statewide totals for releases and disposal and wastes managed for 1999 through 2003. In the past, the MDEQ has reviewed TRI data to determine whether the information can be used as an indicator of P2 in the state. The review has focused on reductions in the amounts of TRI chemicals released annually, changes in recycling and energy recovery rates, and fluctuations in production information. Results have been difficult to assess due to the difficulty of extracting the impacts of the economy and changes in environmental legislation on TRI.

Facilities also report management of TRI chemicals in wastes both on-site and off-site. Graph 2 shows the total amount of production-related waste management by Michigan facilities through energy recovery and recycling activities.



NOTE: Releases and Disposal include air emissions, discharges to surface waters, on-site disposal to underground injection wells or landfills, on-site releases to surface impoundment or other land releases, and transfers off-site for disposal or release. Wastes Managed includes all waste transfers off-site for energy recovery, recycling, or treatment, and discharges to publicly owned treatment works.



NOTE: This represents waste used for energy recovery and recycled both on-site at facilities or transferred off-site to other locations.

The MDEQ staff work with many partners to advance P2 to improve the environment in our state and make the places we live, work, and play cleaner. The MDEQ has over 25 voluntary P2 programs representing over 1,800 facilities and partners. The results of these P2 efforts are not always immediately seen and are difficult to quantify.

The **Michigan P2 Measurement and Enhancement Project** was started in 2005 to work with the MDEQ's P2 partners:

- to access the value added of our P2 programs to business and the public;
- to help policy-makers and others assess the environmental benefits of P2 and understand what P2 efforts work as they set priorities and program goals and objectives;
- to help government agencies and others evaluate progress toward P2 goals; and
- to help P2 programs continually improve their activities.

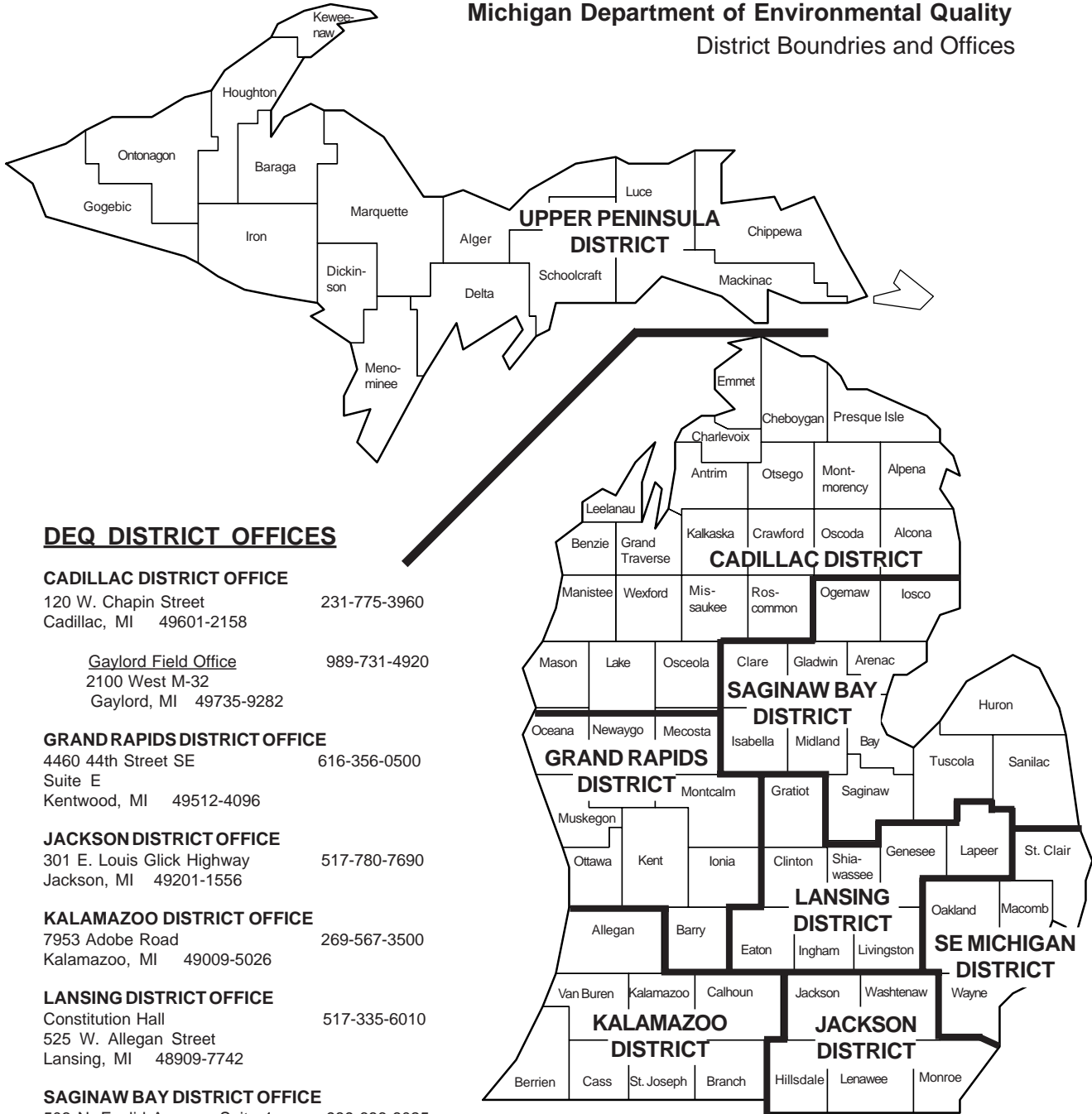
The project will develop measurement tools and indicators to evaluate P2 program activities/outcomes which can be shared with other local, regional, and national organizations. Information on Michigan P2 activities will be submitted to the Pollution Prevention Resource Exchange (P2RX) to compile regional information. The regional information will be included in a national assessment of environmental and economic outcomes from the implementation of P2 by the National Pollution Prevention Roundtable.

In 2005, the project finalized its goals and established a baseline set of data and methods for performance measurement. Future activities include the finalization of an electronics internet-based reporting tool with links to a real-time database. This database will allow for up-to-date results reporting and the ability to query for industry or facility-specific information as it pertains to P2 activities.

The MDEQ would like to thank those who have made pollution prevention and energy efficiency a priority and success in the state of Michigan.

***Amy A. Butler, Chief
Environmental Science and Services Division***

**Michigan Department of Environmental Quality
District Boundries and Offices**



DEQ DISTRICT OFFICES

CADILLAC DISTRICT OFFICE

120 W. Chapin Street 231-775-3960
Cadillac, MI 49601-2158

Gaylord Field Office 989-731-4920
2100 West M-32
Gaylord, MI 49735-9282

GRAND RAPIDS DISTRICT OFFICE

4460 44th Street SE 616-356-0500
Suite E
Kentwood, MI 49512-4096

JACKSON DISTRICT OFFICE

301 E. Louis Glick Highway 517-780-7690
Jackson, MI 49201-1556

KALAMAZOO DISTRICT OFFICE

7953 Adobe Road 269-567-3500
Kalamazoo, MI 49009-5026

LANSING DISTRICT OFFICE

Constitution Hall 517-335-6010
525 W. Allegan Street
Lansing, MI 48909-7742

SAGINAW BAY DISTRICT OFFICE

503 N. Euclid Avenue, Suite 1 989-686-8025
Bay City, MI 48706-2925

SOUTHEAST MICHIGAN DISTRICT OFFICE

27700 Donald Court 586-753-3700
Warren, MI 48092-2793

Detroit Field Office 313-456-4700
Cadillac Place
3058 West Grand Boulevard, Suite 2-300
Detroit, MI 48202-6058

UPPER PENINSULA DISTRICT OFFICE

420 5th Street 906-346-8300
Gwinn, MI 49841

ENVIRONMENTAL ASSISTANCE CENTER

(for general information):
Telephone: 800-662-9278
Fax: 517-241-0673

POLLUTION EMERGENCIES

Telephone: 800-292-4706

DEQ WEB PAGE

www.michigan.gov/deq

The MDEQ's **Environmental Assistance Center** is available between the hours of 8:00 a.m. and 5:00 p.m. to assist you with the answers to your questions.

Environmental Assistance Center: 800-662-9278

More information about our programs is on the MDEQ's Web site at www.michigan.gov/deq or go directly to one of the shortcuts listed below.

Program Name	Contact	Web Site Shortcuts
Agriculture P2	Terri Novak	www.michigan.gov/deqp2partnerships
Alternative Fuels	Jeff Spencer	www.michigan.gov/deqp2outreach
Automotive	Jeff Spencer	www.michigan.gov/deqp2outreach
Clean Corporate Citizen	Valerie Haan or	www.michigan.gov/deqc3
.....	Kelie Bond	
Clean Marina	Jeff Spencer	www.michigan.gov/deqp2partnerships
Community P2 Grants	Richard Alexander	www.michigan.gov/deqgrantsandloans
Cool Cities		www.michigan.gov/coolcities
Dept. of Defense/Michigan Environmental Alliance	Steven Kulesia	www.michigan.gov/deqp2partnerships
EDGE2 - Energy Efficiency Resources	Steven Kulesia	www.michigan.gov/deqp2initiatives
Environmental Purchasing	Karen Edlin	www.michigan.gov/deqp2initiatives
Food Processing.....	Laura Rauwerda	www.michigan.gov/deqp2outreach
Great Printers	Karen Edlin	www.michigan.gov/deqp2partnerships
Green Construction and Demolition (Green Buildings)	Maggie Fields	www.michigan.gov/deqconstruction
Green Suppliers Network	Laura Rauwerda	
Health Care (Michigan Healthcare P2)	Dale Copedge	www.michigan.gov/deqp2partnerships
Household Hazardous Waste Collection	Lucy Doroshko	www.michigan.gov/deqrecycling
Household Hazardous Waste Grants	Jeff Spencer	www.michigan.gov/deqgrantsandloans
Local Health Departments	Patrick Donovan	www.michigan.gov/deqp2partnerships
Mercury P2 Initiative	Steven Kratzer	www.michigan.gov/deqmercuryp2
Michigan Business P2 Partnerships	Jeff Spencer	www.michigan.gov/deqp2partnerships
Michigan P2 Research Grant (formerly RETAP Technological Demonstration Program)	David Herb	www.michigan.gov/deqgrantsandloans
Neighborhood Environmental Partnership	Mike Young	www.michigan.gov/deqnep
P2 Measurement & Enhancement Initiative	Jeff Spencer	
P2 Tribal Initiative	Pat Donovan	www.tribalp2.org
P2 Week	Maggie Fields	www.michigan.gov/deqp2initiatives
Pulp, Paper, and Products	Karen Edlin	www.michigan.gov/deqp2partnerships
Recycling	Lucy Doroshko	www.michigan.gov/deqrecycling
Recycling Electronic Waste	Lucy Doroshko	www.michigan.gov/deqrecycling
Regulatory Integration	Richard Alexander	www.michigan.gov/deqp2
Restaurant P2	Carol Panagiotides	www.michigan.gov/deqp2outreach
RETAP Internship Program	Dale Copedge	www.michigan.gov/deqretap
Retired Engineer Technical Assistance Program (RETAP)	David Herb	www.michigan.gov/deqretap
Shooting Range Environmental Stewardship Program	Steven Kratzer	www.michigan.gov/deqp2outreach
Small Business P2 Loans	Karen Edlin	www.michigan.gov/deqgrantsandloans
State Park Stewardship Initiative	Karen Edlin	www.michigan.gov/deqp2initiatives
Toxic Release Inventory	Ruth Borgelt	www.michigan.gov/deqsara
Turfgrass Stewardship	Jeff Spencer	www.michigan.gov/deqp2partnerships

2004-2005 MEMBERS AND PARTNERS

127th Wing ~ 927th Air Refueling Wing (Air Force Reserves) 927th Environmental Engineering ~ A & E Printers and Mailers ~ A-1 Printing & Copy Center ~ AAR Cadillac Manufacturing ~ Abonmarche Group ~ ACCESS ~ Access Business Group ~ ACCESS Health Center ~ ACEC-M, Inc., Environmental Quality Committee ~ Action Printing ~ ADAC Plastics ~ Adair Printing ~ Advance Packaging Corporation ~ Advanced Biological Solutions ~ AEC-Manchester Stamping ~ AFTONIA (Arkema) ~ A-Ga-Ming Golf Club ~ Agrilink Foods ~ Air & Waste Management Association ~ Akzo Nobel Coatings, Inc. ~ Alfred L. Shaw, P.C. ~ Algonac State Park ~ Allegan County ~ Allegan Metal Finishing Co ~ Allegra Print & Imaging ~ Alliance for Environmental Innovation ~ Alliance for Environmental Sustainability ~ Alliance of Automobile Manufacturers ~ Allied Finishing Inc ~ Aloha State Park ~ Alpena Combat Readiness Training Center ~ Alpena Golf Club ~ Alpha Plastics, Inc. ~ American Axle & Manufacturing ~ American Bar Association ~ American Chemistry Council ~ American College of Real Estate Lawyers ~ American Consulting Engineers Council of Michigan ~ American Council of Engineering Companies ~ American Electric Power ~ American Electroplaters and Surface Finishers Society ~ American Farmland Trust ~ American Fisheries Society ~ American Ink ~ American Institute of Chemical Engineers ~ American International Automobile Dealers Association ~ American Iron and Steel Institute ~ American Lung Association of Michigan ~ American Mold Builders Association ~ American National Standards Institute ~ American Petroleum Institute ~ American Plastics Council ~ American Public Works Association ~ American Society for Plastics ~ American Society for Testing and Materials ~ American Society of Civil Engineers ~ American Society of Landscape Architects ~ American Society of Mechanical Engineers International ~ American Society of Safety Engineers ~ American Traffic Safety Services Association ~ American Water Resources Association ~ American Water Works Association ~ American Water Works Research Foundation ~ Anchor In Marina ~ Anchorage Marina ~ Anderson Development Company ~ Anderson Farms ~ Anglers of the Au Sable ~ Ann Arbor Country Club ~ Ann Arbor Public Schools ~ Ann Arbor Transportation Authority ~ ANR Pipeline Company ~ Antrim Conservation District ~ APC ~ APICS ~ Apollo Plating Inc ~ Apple Mountain Golf Club ~ Applied Environmental ~ Appraisal Foundation ~ Arbor Hills Country Club ~ Arcadia Bluffs Golf Course ~ Arcadia Hills Golf Course ~ Archery Trade Association ~ Arenac Conservation District ~ Arnold Center, Inc. ~ ARVCO Containers ~ ArvinMeritor, Inc. ~ Asahi Thermofil ~ ASHRAE ~ ASM International ~ Asphalt Pavement Association of Michigan ~ Associated Builders & Contractors ~ Associated General Contractors ~ Associated Petroleum Industries of Michigan ~ Association for Manufacturing Technology ~ Association of Boards of Certification ~ Association of Home Appliance Manufacturers ~ Association of International Automobile Manufacturers ~ Association of Metropolitan Sewerage Agencies ~ Association of Metropolitan Water Agencies ~ Association of Postconsumer Plastic Recyclers ~ Association of Rotational Molders ~ Association of State Dam Safety Officials ~ Association of the Nonwoven Fabrics Industry ~ Atlas Technologies ~ ATOFINA Chemicals, Inc. ~ Atomic Cleaning Systems LLC ~ AUC ~ Auto Body #1/AGJ Enterprises ~ AutoAlliance International, Inc. ~ Automatic Spring Products Corporation ~ Automotive Aftermarket Industry Association (AAIA) ~ Automotive Industries ~ Automotive Industries Magazine ~ Automotive Industry Action Group ~ Automotive Plastics Council ~ Automotive Recyclers Association ~ Automotive Recyclers of Michigan ~ Automotive Service Association ~ Automotive Service Council of Michigan ~ Automotive Trades Association Manitoba Inc. ~ Automotive Warehouse Distributors Association ~ Aventus CropScience ~ B & B Environmental Services, LLC ~ B&B Farms ~ Baker Furniture ~ Baker Office Interiors ~ Baker, Knapp & Tubbs, Inc. ~ Bald Mountain Recreation Area ~ Baraga Conservation District ~ Baraga State Park ~ Bard Center for Environmental Policy ~ Barry Conservation District ~ Barry-Eaton District Health Dept. ~ BASF Corporation ~ Batson Printing, Inc. ~ Battery Solutions Inc. ~ Battle Creek Association of Home Builders ~ Battle Creek Country Club ~ Baxter ~ Bay Breeze Yacht Charters ~ Bay City Country Club ~ Bay City State Recreation Area ~ Bay Conservation District ~ Bay County ~ Bay County Golf Course ~ Bay County Home Builders Association ~ Bay Harbor Lake Marina ~ Bay Medical Center ~ Bay Mills Indian Community ~ Bayer CropScience ~ Bazzani Associates ~ Beacon Hill Golf Course ~ Bear Truss, Inc. ~ Behr Industries Corporation ~ Belle Maer Harbor ~ Benteler Automotive ~ Benton Harbor-St. Joseph Wastewater Treatment Plant ~ Benzie Conservation District ~ Benzie-Leelanau District Health Dept. ~ Bergmann Marine ~ Berrien County ~ Berrien Hills Country Club ~ Best Buy Co., Inc. ~ Betz Industries ~ Bewabic State Park ~ Bi-County Hospital ~ BIFMA International ~ Big PDQ ~ Binder Park Golf Club ~ Bioneers ~ Birchwood Farms Golf & Country Club ~ Birds Eye Foods ~ Birmingham Country Club ~ Black Lake Golf Club ~ BLDI Environmental & Safety Management ~ Blissfield Community Schools ~ Bloomfield Hills Country Club ~ Blue Water Sportfishing Association ~ Blythfield Country Club ~ Boardman River Project ~ BOCA International, Inc. ~ Bodman, Longley & Dahling LLP ~ Book Concern Printers ~ Boone and Crockett Club ~ Borg Warner Cooling Systems ~ Borgess Medical Center ~ Boulder Creek Golf Club ~ Boulder Pointe Golf Club ~ Bowfishing Association of America ~ Boyne Highlands Resort ~ BP Amoco Company ~ Brae Side Golf Course ~ Branch Conservation District ~ Branch-Hillsdale-St. Joseph Community Health Agency ~ Branson Bay ~ BRD Printing Inc. ~ Breck Graphics, Inc. dba Allegra Print and Imaging ~ Brennan Marine Sales ~ Bridge Harbour Marina ~ Brigadoon Golf Club ~ Brighton State Recreation Area ~ Brimley State Park ~ Bronson Methodist Hospital ~ Bronson Plating ~ Brownrigg Companies, Ltd. ~ Bucks Run Golf Club ~ Builders Association of Metropolitan Flint ~ Building Industry Association of Southeastern Michigan ~ Building Officials Conference of Michigan ~ Building Owners and Managers Association ~ Bureau of Indian Affairs ~ Burt Lake State Park ~ Business Cards Plus ~ Byron Hills Golf Course ~ Cabela's ~ Cadillac Products Automotive Company ~ Cadillac Renewable Energy ~ Calhoun Conservation District ~ Calhoun County ~ Cambridge Junction Historic State Park ~ Campbell & Company ~ Canadian Centre for Pollution Prevention ~ Canadian Lakes Country Club ~ Cannon Muskegon Corporation ~ Capital Area Transportation Authority ~ Capital City Associates ~ Capital Group Consultants ~ Capitol Area Community Voices ~ Capitol Group Governmental Consultants ~ Caraustar Custom Packaging ~ Carbone of America ~ Caro Community Hospital ~ Carrot Committee ~ Cascade Engineering ~ Cascade Hills C.C. ~ Cass Conservation District ~ Cedar Creek Golf Course ~ Cedar Valley Golf Club LLC ~ Centennial Acres Golf Course ~ Centennial Farm Golf Club ~ Center for Environmental Study ~ Center for Science & Environmental Outreach ~ Central Lake Superior Watershed Partnership ~ Central MI Sustainable Business Forum ~ Central Michigan District Health Department ~ Central Michigan Sustainable Business Forum ~ Cenveo Anderson Lithograph ~ Certified Hazardous Materials Managers - Michigan ~ Champion Printing and Advertising ~ Charles Mears State Park ~ Charlevoix Conservation District ~ Charlevoix Country Club ~ Charlevoix County ~ Charlevoix Golf Club ~ Cheboygan Conservation District ~ Cheboygan County Planning and Zoning Department ~ Cheboygan State Park ~ Chelsea Community Hospital ~ Chemical Coaters Association International - West Michigan Chapter ~ Cherry Blossom ~ Cherry Creek Golf Club ~ Cherry Marketing Institute ~ Chestnut Valley Golf Club ~ Chikaming Country Club ~ Chikaming Open Lands ~ Children's Hospital of Michigan ~ Chippewa County ~ Chippewa/ East Mackinac Conservation District ~ Chisholm Hills Golf Club ~ Chivas Industries ~ Christian Deer Hunters Association ~ Citizens for Alternatives to Chemical Contamination ~ Citizens for Water and Clean Sky ~ City of Battle Creek ~ City of Boyne City ~ City of Cadillac ~ City of Detroit ~ City of Grand Haven ~ City of Grand Rapids ~ City of Kalamazoo ~ City of Marquette ~ City of St. Ignace ~ City of Walker ~ City of Wyoming ~ Clare Conservation District ~ Clarke American ~ Classic Printers ~ Clean Water Action ~ Clean Water Fund ~ Clear Lake State Park ~ Cliffs Mining Services ~ Clinton Conservation District ~ Clinton County ~ Clinton River Watershed Council ~ Clothing Care Center ~ C-Mar Products Inc. ~ CMI ~ Coalition for Environmentally Responsible Economies ~ Coalition for Sensible Growth ~ Coalition for the Advancement of Michigan Tooling Industries ~ Coldwater Board of Public Utilities ~ Collins & Aikman ~ Colonial Press, Inc. ~ Complete Builders, Inc. ~ Compliance Resources and Technologies Inc. ~ Comprenew ~ Comstock Public Schools ~ Conformance Management Associates Inc. ~ Conservation Fund ~ Conservation Resource Alliance ~ Construction Association of Michigan ~ Construction Association of Michigan ~ Construction Financial Management Association ~ Consumer and Industry Services ~ Consumer Electronics Association ~ Consumer Electronics Retailers Coalition (CERC) ~ Consumers Energy ~ Cooperative Association ~ Cooperative Resource Management Initiative ~ Coordinating Research Council ~ Copper Development Association ~ Copper Harbor State Park ~ Copy Options Inc. ~ Copy Quick ~ Corsair Engineering, Inc. ~ Council of Great Lakes Industries ~ Country Club of Detroit ~ Country Club of Jackson ~ County of Muskegon ~ County Road Association of Michigan ~ Covenant Health Care ~ Craft Press Printing ~ Craig Lake State Park ~ Crain's Detroit Business ~ Crawford/Roscommon Conservation District ~ Crittenton Hospital in Rochester ~ Crystal Downs Country Club ~ Crystal Filtration of Michigan ~ Crystal Flash Energy ~ Crystal Lake Watershed Fund ~ Crystal Mountain Resort ~ Crystal Springs Country Club ~ Curtis Metal Finishing ~ Custom Printers ~ Cyltec LLC ~ DACBOR ~ Daimler Chrysler Corporation ~ Dairy Farmers of America ~ Danielson Color Print ~ Dapco Industries ~ Darnell Kaigler, D.D.S., M.S., P.C. ~ DC Cook Nuclear Power Station ~ Dearborn Country Club ~ Dearborn Hills Golf Course ~ Dearborn Mid-West Conveyor ~ Decc Co Inc ~ Defense Logistics Information Service ~ Delphi Corporation ~ Delta College ~ Delta Conservation District ~ Delta Tube & Fabricating Corp. ~ Delta Waterfowl ~ Demmer Corporation ~ DENSO Manufacturing ~ Department of Management and Budget ~ Depor Industries, Inc. ~ Detroit Area Steelheaders, Inc. ~ Detroit Audubon Society ~ Detroit Building Codes & Regulation Committee ~ Detroit Edison ~ Detroit Medical Center Health System ~ Detroit Paint and Coatings Association ~ Detroit Public Schools ~ Detroit Receiving Hospital/University Health Center ~ Detroit Regional Chamber ~ Detroit River RAP ~ Detroit Riverfront Conservancy ~ Detroit Water and Sewage ~ Detroiters Working for Environmental Justice ~ DeWitt Barrels ~ Diamond Chrome Plating Inc ~ Dickinson Conservation District ~ Dickinson Press ~ Dickinson-Iron District Health Dept. ~ Diesel Technology Company/Bosch ~ Diesel Technology Forum ~ DieselNet ~ District Health Department #10 ~ District Health Dept. #2 ~ District Health Dept. #4 ~ Dixie Cleaners of Fenton ~ DNR ~ Dodge #4 State Park ~ Domtar Industries, Inc. ~ Douglas Cleaners ~ Dow Corning Corporation ~ Dowagiac River Watershed Project ~ Down River Association of Code Officials ~ Downriver Ducks Unlimited ~ DRMO ~ Drummond Island Yacht Haven ~ DTE Energy ~ Duck Hunters Association ~ Duck Lake Country Club ~ Duck Lake State Park ~ Ducks Unlimited ~ Ducks Unlimited, Inc. ~ Duffy's Printing ~ Dunnage Engineering, Inc. ~ DuPont Automotive ~ Dura Automotive Systems, Inc. ~ Dutch Hollow Golf Club ~ E & E Manufacturing Company, Inc. ~ E&G Printing Service, Inc. ~ E.B. Paper, Inc. ~ E/M Solutions ~ Eagle Crest Golf Club ~ Eagle Harbor State Dock ~ Eagle Island ~ Eagle Ottawa ~ Earle Press Printing ~ Earth Force ~ Earth Share ~ Earth Shine Farms ~ East Jordan Iron Works ~ East Michigan Environmental Action Council ~ Eastern Hills Golf Course ~ Eastern Michigan Association of Energy Engineers ~ Eastern U.P. Regional Planning and Development Commission/ 1st Step, Inc. ~ Easy Laundry and Cleaners ~ Eaton Aeroquip Inc. ~ ECO ~ Eco Waste Solutions, LLC ~ Ecology Center ~ Econo Print, Inc. ~ Economic Development Alliance of St. Clair County ~ Edgewood Country Club ~ Edward C. Grace Memorial Harbor ~ Edwards Brothers, Inc. ~ Egypt Valley Country Club ~ eH2O ~ Eldean Marine Group ~ Electric Drive Transportation Association ~ Electrical Design and Control ~ Electro Chemical Finish Co. ~ Electronic Industries Alliance ~ Electroplating Industries ~ Elk Ridge Golf Course ~ Elm Plating ~ Elmbrook Golf Course ~ Emerald at Maple Creek ~ Emerald City Harbor ~ Emmet Conservation District ~ Emmet County ~ Enamelite Industries, Inc. ~ Engineering Society of Detroit ~ Environmental Justice and Global Climate Change ~ Envirologic Technologies, Inc. ~ Environmental Action ~ Environmental Assessment Association ~ Environmental Coatings, Inc. ~ Environmental Council of States ~ Environmental Health Resources Inc. ~ Environmental Journalism Association ~ Environmental Justice Group ~ Environmental Law & Policy Center of the Midwest ~ Environmental Law Section of the State Bar of Michigan ~ Environmental Law Society ~ Environmental Management Association ~ Environmental Resources Management ~ EPA ~ EPI Printers ~ ESCO Company ~ Etheridge Company, The ~ Evans Tempcon ~ Evergreen Hills Golf Course ~ Executive Printing Services ~ F. J. McLain State Park ~ F.P. Horak Company, The ~ Faith in Motion ~ Falcon Printing ~ Farm Services Agency ~ Farmington Hills Golf Club ~ Father Marquette National Memorial ~ Fayette State Historic Park ~ Federal Emergency Management Agency ~

Fennville Public Schools ~ Fidar Doubleday ~ Fieldstone Golf Club ~ Fishbeck, Thompson, Carr & Huber, Inc. ~ Fisherman's Island State Park ~ Flashes Publishers ~ Flexible Furniture ~ Flexible Products Co. Inc. ~ Flex-N-Gate Forming Technologies ~ Flint Elks Country Club ~ Flint Golf Club ~ Flint River Watershed Coalition ~ Flint-Genesee Economic Growth Alliance ~ Foote Health System ~ Ford Motor Company ~ Ford School Environmental Policy Organization ~ Forest Akers - MSU ~ Forest Dunes Golf Club ~ Forest Hills Public Schools ~ Forest Lake Country Club ~ Fort Custer Recreation Area ~ Fort Wilkins State Historic Park ~ Fortress ~ Foundation of the North American Wild Sheep ~ Foundry Association of Michigan ~ Four Winns, Inc. ~ Fox Creek Golf Course ~ Fox Hills Golf & Banquet Center ~ Franklin Hills Country Club ~ Friends of Detroit River ~ Friends of Kalamazoo River Valley Trailway ~ Friends of the Bluffs ~ Friends of the Cedar River Watershed ~ Friends of the Crystal River ~ Friends of the Detroit River ~ Friends of the Jordan River Watershed, Inc. ~ Friends of the Rouge River ~ Friends of the Shiawassee River ~ Friends Of The St Joe River Association Inc. ~ FWS ~ Gage Products Company ~ Galien/St. Joseph Rivers Conservation District ~ Gander MTN. ~ Gardner Printing ~ Gargoyles Graphics L.L.C. ~ Garland Resort ~ Gaylord Country Club ~ Gaylord/Otsego County Chamber of Commerce ~ General Formulations, Inc. ~ General Motors ~ General Oil Company, Inc. ~ Genesee Conservation District ~ Genesee County ~ Genesee Power Station ~ Genesys Health System ~ George Young Golf Course ~ Georgia-Pacific Corporation ~ Gerber ~ Gestamp US HardTech, Inc. ~ G-Graphics ~ Gil-Mar Manufacturing Company ~ Give Water a Hand ~ Gladstone Printing ~ Gladwin Conservation District ~ GLGTC ~ Global Business Solutions, LLC ~ GMA Industries, Inc. ~ Goetzcraft Printers ~ Gogebic Conservation District ~ Good Neighbors Mission ~ Goodrich Country Club ~ Grand Haven State Park ~ Grand Hotel Golf Club ~ Grand Island Golf Club ~ Grand Mere State Park ~ Grand Rapids Area Chamber of Commerce ~ Grand Rapids Public Schools ~ Grand River Environmental Action Team ~ Grand Traverse Band of Ottawa and Chippewa Indians ~ Grand Traverse Bay Watershed Initiative ~ Grand Traverse Conservation District ~ Grand Traverse County ~ Grand Traverse Regional Land Conservancy ~ Grand Traverse Resort & Spa ~ Grand Valley Metropolitan Council ~ Grand Valley State University ~ Grandville Printing ~ Graphic Enterprises, Inc. ~ Graphic Packaging Corporation ~ Graphics III, Inc. ~ Gratiot Conservation District ~ Grayling Generating Station ~ Great Lakes and St. Lawrence Cities Initiative ~ Great Lakes Aquatic Habitat News ~ Great Lakes Basin Ecosystem Team ~ Great Lakes Coastal Wetlands Consortium ~ Great Lakes Commission ~ Great Lakes Contracting ~ Great Lakes Electronics ~ Great Lakes Environmental Research Laboratory ~ Great Lakes Fisheries Commission ~ Great Lakes Gas Transmission Company ~ Great Lakes Information Network ~ Great Lakes Recreational Water Quality Association ~ Great Lakes Regional Pollution Prevention Roundtable ~ Great Lakes Renewable Energy Association ~ Great Lakes Shores Marina ~ Great Lakes Sport Fishing Council ~ Great Lakes Sugar Beet Growers Association ~ Great Oaks Country Club ~ Greater Detroit Resource Recovery Authority ~ Greater Lansing Home Builders Association ~ Green Restaurant Association ~ Greystone Golf Club ~ Griffin Pest Control ~ Grindstone-Port-Hope Sportsmen's Club ~ Groesbeck Golf Course ~ Grosse Ile Golf & Country Club ~ Grosse Pointe Yacht Club ~ Grub & Ellis Paramount ~ Gull Lake Country Club ~ Gull Lake View ~ H&L Advantage ~ Hannahville Indian Community ~ Harbor Marina ~ Harbor Steel & Supply Corporation ~ Harper University Hospital ~ Harrisville State Park ~ Harry Major Machine & Tool ~ Hartwick Pines State Park ~ Hastings Country Club ~ Hatteras Printing ~ Haviland Products Company ~ Hawk Hollow Golf Course ~ HawksHead Links ~ Haworth ~ Hazardous Waste Management Program, Chemical Engineering, College of Engineering, Wayne State University ~ Hazekamp Meats ~ HBA of Shiawassee County ~ Headwaters Land Conservancy ~ Healthcare Support Services ~ Heather Hills Golf and Racquet Club, Inc. ~ Hemlock Golf Club ~ Hemlock Semiconductor ~ Henry Ford Hospital ~ Herbruck Poultry ~ Hercules Inc. ~ Herman Miller ~ Hesperia Community Schools ~ Hidden River Golf & Casting Club ~ High Pointe Golf Club ~ Highland Golf Club ~ Highland Recreation Area ~ Highlands ~ Hillsdale Conservation District ~ Hi-Tech Coatings Inc ~ Hoefft State Park ~ Holland Sentinel ~ Holland State Park ~ Holly Recreation Area ~ Home and Building Association of Greater Grand Rapids ~ Homewood Press, Inc. ~ Honee Bear Canning ~ Houghton/Keweenaw Conservation District ~ Howard Plating Industries Inc ~ Howard Printing Company, Inc. ~ Howe Interlakes Marine ~ Hudson Mills Metropark Golf Course ~ Huntington Cleaners & Shirt Laundry ~ Huron Conservation District ~ Huron County ~ Huron Land Use Alliance ~ Huron Meadows Metropark Golf Course ~ Huron Pines Resource Conservation & Development Council ~ Huron Potawatomi Nation ~ Huron River Watershed Council ~ Huron Valley Printing & Imaging ~ Huron Valley Sinai Hospital ~ Huron, Inc. ~ Hutzel Hospital ~ I & W Industries, LLC ~ IBM ~ Ideal Printing Company ~ Idyl Wyld Golf Course ~ IEDC ~ IMCO Recycling, Inc. ~ Inalfa/SSI Roof Systems ~ Inco Graphics ~ Independent Milk Producers Cooperative Association ~ Indian Affairs Commission ~ Indian Lake Hills Golf Course ~ Indian Lake State Park ~ Indian River Marina ~ Indian Springs Metropark Golf Course ~ Indianwood Golf & Country Club ~ Infiltrator Systems, Inc. ~ Ingham Conservation District ~ Ingham County ~ Inland Seas Education Association ~ Inland Waters Pollution Control, Inc. ~ Institute for Local Self-Reliance ~ Integrated Architecture ~ Integrated Strategies ~ Interface ~ Interlochen State Park ~ International Association of Electrical Inspectors ~ International Blackpowder Hunting Association ~ International Bowhunting Organization ~ International Erosion Control Association ~ International Facility Management Association ~ International Minute Press ~ International Paper ~ Quinnesec Mill ~ International Society for Industrial Ecology ~ Inter-tribal Council of Michigan ~ Interurban Transit Partnership ~ Ionia Conservation District ~ Ionia County ~ Ionia Recreation Area ~ Iosco Conservation District ~ IPC Print Services ~ IPS Coatings Corporation ~ Irish Boat Shop ~ Iron Conservation District ~ IronWood Links ~ Irwin Seating Company ~ Isabella Conservation District ~ Island Lake Recreation Area ~ ISM ~ ITT Industries ~ Izaak Walton League of America ~ J B Printing ~ J D Plating Co Inc ~ J&L Products, Inc. ~ J.W.Wells State Park ~ Jackson Conservation District ~ Jackson County ~ Jacobs Cleaning Village ~ Jan's Professional Drycleaners ~ Janutol Printing ~ Jay's Sporting Goods ~ Jet Speed Printing Company ~ Jiffy Print ~ Job Shop ~ John D. Dingell Medical Center ~ John Henry Company ~ Johnson Controls ~ Jones Farm Meats, LLC ~ JP Print & Copy ~ K.C. Jones Plating Co. ~ Kaiser Optical Systems, Inc. ~ Kalamazoo Conservation District ~ Kalamazoo Country Club ~ Kalamazoo County ~ Kalamazoo Environmental Council ~ Kalamazoo Regional Chamber of Commerce ~ Kalamazoo River RAP ~ Kalkaska Conservation District ~ Kay Automotive Graphics ~ Keans Detroit Yacht Harbor ~ Kensington Metropark Golf Course ~ Kent Conservation District ~ Kent County Health Dept. ~ Kent Intermediate School District ~ Keweenaw Bay Indian Community ~ Keweenaw Bay Natural ~ Keykert USA ~ Keystone Printing, Inc. ~ KI ~ Kieser & Associates ~ Kimcraft Printers ~ Kincheloe Memorial Golf Course ~ King's Challenge Golf Club ~ Kingsley Club ~ Kingswood Hospital ~ Kinko's ~ Klaves Marina, Inc. ~ Klein Tools, Inc. ~ Knoll Inc. ~ Knollwood Country Club ~ Lac LaBelle State Dock ~ Lac Vieux Desert Band of Lake Superior Chippewa Indians ~ Lacks Enterprises ~ Lafarge North America ~ Lake Erie Metropark Golf Course ~ Lake Gogebic State Park ~ Lake Hudson Recreation Area ~ Lake Michigan Federation ~ Lake Superior Community Partnership ~ Lake Superior Press, Inc. ~ Lakelands Golf & Country Club ~ Lakeport State Park ~ Land Conservancy of West Michigan ~ Land Trust Alliance ~ Landaal Packaging Systems ~ Lansing Area Safety Council ~ Lansing Chapter Clean Water Action ~ Lansing Community College ~ Lansing Environmental and Safety Association ~ Lansing Plating Co ~ Lansing Printing Company ~ Lansing Regional Chamber of Commerce ~ Lansing School District ~ Lansing Water and Sewer Dept. ~ Lapeer Conservation District ~ Lapeer County ~ Lapeer Regional Hospital ~ Last Printer Standing ~ Laughing Whitefish Falls Scenic Site ~ Lawrence Technological University ~ Lawson Printers, Inc. ~ LDM Technologies ~ League of Conservation Voters ~ League of Michigan Bicyclists ~ Lear Corporation ~ Leelanau Conservancy ~ Leelanau Conservation District ~ Leelanau Country Club ~ Leelanau County ~ Leelanau State Park ~ Lenawee Conservation District ~ Lenawee Country Club ~ Lenawee County ~ Leslie Park Golf Course ~ Liberty Pest Control, LLC ~ Light Corporation ~ Lincoln Hills Golf Club ~ Lincoln Hills Golf Course ~ Links ~ Little River Band Ottawa Indians ~ Little Traverse Conservancy ~ Livingston Conservation District ~ Livingston County ~ Livonia Chamber of Commerce ~ Lochenheath Golf Club ~ Lochmoor Club ~ Logan Brothers Printing ~ Lone Tree Council ~ Longway Planetarium ~ Lorin Industries ~ Lost Lake Woods ~ Lost Peninsula Marina ~ Louisiana Pacific ~ Lower Huron Metropark Golf Course ~ LTI Printing, Inc. ~ Luce/West Mackinac Conservation District ~ Luce-Mackinac-Alger-Schoolcraft District Dept. ~ Ludington State Park ~ Luna Pier Harbour Club ~ MAC Valves ~ Macatawa Watershed Project ~ Machine Tool & Gear ~ MacKellar Screenworks ~ Macomb Conservation District ~ Macomb County ~ Macomb County Fire Prevention Association ~ Macomb Printing ~ MacRay Harbor, Inc. ~ Magna Donnelly ~ Magni Industries, Inc. ~ Majestic at Lake Walden ~ Malcolm Pirnie, Inc. ~ Malloy Inc. ~ Manistee Conservation District ~ Manistee Municipal Marina ~ Manufacturing Extension Program ~ Maple Hill Golf Club ~ Maple Lane Golf Club ~ Maple Leaf Golf Course ~ Marathon Ashland Petroleum, LLC ~ March Coatings ~ MAREC ~ Marine Pollution Control Corporation ~ Mark IV Automotive ~ Marquette Area Chamber of Commerce ~ Marquette Conservation District ~ Marquette County ~ Marquette Golf Club ~ Marsh Plating Corp ~ Marshall Marine LLC ~ Marysville Golf Course ~ MASA ~ Masco Corp. ~ Mason Graphics, Inc. ~ Mason/Lake Conservation District ~ Master Finish ~ Master Finish Company ~ Match-E-Be-Nash-She-Wish Potawatomi ~ Matrix System Automotive Finishes, Inc. ~ Matsushita Electric Corporation of America ~ Maybury State Park ~ Mayo Plastics, Inc. ~ McCormick Enterprises ~ McGrath-DeFoe Printing ~ McGuire's Resort ~ McKay Press ~ McLaren Performance Technologies ~ McLaren Regional Medical Center ~ McNaughton & Gunn, Inc. ~ MDA ~ MDSTA ~ Meadowbrook Country Club ~ Meadows Golf Club ~ Mechanical Inspectors Association of Michigan ~ Mecosta Conservation District ~ MEDA ~ Medalist Golf Club ~ MEDC ~ Memorial Healthcare Center ~ Menasha Packaging Company, LLC ~ Menominee Conservation District ~ Menominee Paper Company ~ Mercy General Health Partners ~ Mercy Memorial Hospital ~ Meridian Automotive Systems ~ Meridian Sun Golf Club ~ Metal Cote, Inc. ~ Metal Finishing Suppliers' Association ~ Metalworks ~ Metamora-Hadley Recreation Area ~ Metro Beach Metropark Golf Course ~ Metro Building Inspectors Association ~ Metro Mechanics Inspectors Association ~ Metropolitan Hospital ~ Metropolitan Organizing Strategy for Enabling Strength ~ MFPA ~ MI Consolidated Gas Co. ~ MI RC&D Councils ~ MI Tech News ~ MiBiz ~ Michaywe Pines and Lake Golf ~ Michigan Aggregates Association ~ Michigan Agri-Business Association ~ Michigan Agricultural Commodities ~ Michigan Agricultural Stewardship Association ~ Michigan Alliance for Environmental and Outdoor Education ~ Michigan Allied Poultry Industries ~ Michigan Apple Committee ~ Michigan Aquaculture Association ~ Michigan Army National Guard ~ Michigan Asparagus Advisory Board ~ Michigan Asphalt Paving Association ~ Michigan Association for Local Public Health ~ Michigan Association of Centers for Independent Living ~ Michigan Association of Conservation Districts ~ Michigan Association of Counties ~ Michigan Association of County Drain Commissioners ~ Michigan Association of Environmental Professionals ~ Michigan Association of Executives ~ Michigan Association of Fire Chiefs ~ Michigan Association of Food Processors ~ Michigan Association of Home Builders ~ Michigan Association of Housing Officials ~ Michigan Association of Metal Finishers ~ Michigan Association of Nurserymen ~ Michigan Association of Physical Plant Administrators ~ Michigan Association of Railroad Passengers ~ Michigan Association of Realtors ~ Michigan Association of Timbermen ~ Michigan Audubon Society ~ Michigan Automotive Compressor, Inc. ~ Michigan Bean Shippers Association ~ Michigan Bear Hunters Association, Inc. ~ Michigan Beef Industry Commission ~ Michigan Beekeepers Association ~ Michigan Biodiversity Project ~ Michigan Blueberry Growers ~ Michigan Boating Industries Association ~ Michigan Bow Hunters ~ Michigan Cattleman's Association ~ Michigan Celery Promotion Cooperative ~ Michigan Chamber of Commerce ~ Michigan Chemical Council ~ Michigan Citizens for Water Conservation ~ Michigan Coalition for Clean Water ~ Michigan Concrete Association ~ Michigan Consolidated Gas Company ~ Michigan CSCMP Roundtables ~ Michigan Custom Manure Applicators Association ~ Michigan Dental Association ~ Michigan Department of Corrections ~ Michigan Department of Education ~ Michigan Department of Labor and Economic Growth ~ Michigan Economic Developers Association ~ Michigan Economic Development Corp. ~ Michigan Education Data Network Association ~ Michigan Electric and Gas Association ~ Michigan Electric Co-operative Association ~ Michigan Emergency Management Association ~ Michigan Environmental Council ~ Michigan Environmental Health Association ~ Michigan Erosion and Sedimentation Control Agents ~ Michigan Farm Bureau ~ Michigan Farm Radio Network ~ Michigan Fire Inspectors Society ~ Michigan Fly Fishing Club ~ Michigan Food Producers Association ~ Michigan Forest Association ~ Michigan Forest Resource Alliance ~ Michigan Freeze Pack ~ Michigan Grape and Wine Industry Council ~ Michigan Ground Water Association ~ Michigan Health and Hospitals Association ~ Michigan Historic Preservation Network ~ Michigan Hospital Association ~ Michigan Industrial Hygiene Society ~ Michigan Industries of the Future Program ~ Michigan Institute of Laundering and Drycleaning ~ Michigan International Trade Association ~ Michigan Invasive Plants Council ~ Michigan Karst Conservancy ~ Michigan Lake and Stream Association ~ Michigan Land Title Association ~ Michigan Land Use Institute ~ Michigan Local Government Management Association ~ Michigan Loon Preservation Association ~ Michigan Lumber and Building Materials Association ~ Michigan Manufacturers Association ~ Michigan Manufacturing Technology Center ~ Michigan Milk Producers Association ~ Michigan Municipal League ~ Michigan Natural Areas Council ~ Michigan Nursery and Landscape Association ~ Michigan Oil And Gas Association ~ Michigan Organic Food and Farm Alliance ~ Michigan Petroleum Association/ Michigan Association of Convenience Stores ~ Michigan Planning Network ~ Michigan Pork Producers of America ~ Michigan Pulp and Paper Environmental Council ~ MICHIGAN RECREATION & PARKS ASSOCIATION ~ Michigan Recycling Coalition ~ Michigan Resource Stewards ~ Michigan Restaurant Association ~ Michigan Retailers Association ~ Michigan Road Builders Association ~ Michigan Rural Water Association ~ Michigan School Business Officials ~ Michigan Sea Grant ~ Michigan Seat

Company ~ Michigan Society of Planning ~ Michigan Society of Professional Engineers ~ Michigan State Industries Michigan Department of Corrections ~ Michigan State Police ~ Michigan State University Extension ~ Michigan Steelhead & Salmon Fishermen's Association ~ Michigan Technological University ~ Michigan Tooling Association ~ Michigan Townships Association ~ Michigan Transportation and Land Use Coalition ~ Michigan Trappers Association ~ Michigan United Conservation Clubs ~ Michigan Waste Industries Association ~ Michigan Water Environment Association ~ MICH Graphics/Billy the Printer ~ Midland Conservation District ~ Midland Country Club ~ Midland County ~ Mid-Michigan District Health Dept. ~ Mid-Michigan Environmental Action Council ~ Midwest Industrial Laundry Services, Inc. ~ Mid-West Instrument ~ Midwest Plating Co ~ Midwest Supply and Maintenance Co. ~ Milham Park Golf Club ~ Millbrook Printing ~ Mines Golf Course ~ Missaukee Conservation District ~ Mitchell Graphics ~ MMTCC ~ Macomb Conservation District ~ Modern Plastics Corporation ~ Monroe Conservation District ~ Monroe County ~ Montcalm Conservation District ~ Montcalm Groundwater AGT ~ Montmorency Conservation District ~ Moore North America, Inc. ~ Moors Golf Club ~ MPSC ~ Mr. Duds Cleaning & Laundry ~ MSPS ~ MSU ~ MSU Extension ~ MTI Structural & Tubular Systems, Inc. ~ Mule Deer Foundation ~ Multi-Color Corporation ~ Multi-County Task Force ~ Multi-State Working Group on Environmental Performance ~ Munson Medical Center ~ Muskallonge Lake State Park ~ Muskegon Area Chamber of Commerce ~ Muskegon Conservation District ~ Muskegon Country Club ~ Muskegon County ~ Muskegon Lake RAP ~ Muskegon River Watershed Assembly ~ Muskegon State Park ~ MWIA VP Waste Management ~ MWP Inc. ~ Myers Print King ~ Mystic Creek Golf Club ~ N. Higgins Lake State Park ~ NACD ~ NAJS ~ Nalco Company ~ NALMS ~ National Academy of Public Administration ~ National Apartment Association ~ National Association of Environmental Managers ~ National Association of Environmental Professionals ~ National Association of Shooting Ranges ~ National Caucus of Environmental Legislators ~ National Center for Manufacturing Sciences ~ National Conference of Commissioners ~ National Environmental Trust ~ National Federation of Independent Business ~ National Multi Housing Council ~ National Petroleum Refiners Association ~ National Pollution Prevention Center for Higher Ed. ~ National Shooting Sports Foundation ~ National Standard Company ~ National Tooling and Machining Association ~ National Wild Turkey Federation ~ National Wildlife Federation ~ Natural Logic, Inc. ~ Nature Conservancy ~ Negwegon State Park ~ Neighborhood Association of Michigan ~ Nelson Technologies, Inc. ~ NEMCOG ~ New Buffalo Municipal Marina ~ New Designs for Growth ~ Newaygo Conservation District ~ Newaygo State Park ~ NewPage Corporation ~ Nicholas Plastics, Inc. ~ Noron Industries, Inc. ~ North American Lake Management Society ~ North County Trail Association ~ North Kent Golf Course ~ North Oakland Headwaters Land Conservancy ~ North Star Academy ~ Northeast Michigan Industrial Association ~ Northern Economic Initiatives Corporation ~ Northern Initiatives ~ Northern Michigan Environmental Action Council ~ Northern Michigan University ~ Northern Tittabawassee River Task Force ~ Northville Hills Golf Club ~ Northwest Lansing Healthy Communities Initiative ~ Northwest Michigan Community Health Agency ~ Northwestern Michigan College ~ Northwoods Wilderness Recovery ~ Nottawaseppi Huron Pottawatomie ~ Novi Chamber of Commerce ~ NSK Corporation ~ Nyloncraft, Inc. ~ Oak Crest Golf Club ~ Oakhurst Golf & Country Club ~ Oakland Community College ~ Oakland Conservation District ~ Oakland County ~ Oakland Hills Country Club ~ Oakland Land Conservancy ~ Oakland University ~ Oakwood Hospital and Medical Centers ~ Oceana Conservation District ~ Oceana EDC ~ Oceana Foods ~ Oceana HD ~ Oetiker, Inc. ~ Ogemaw Conservation District ~ Old Channel Trail Golf Course ~ Oleson Consulting Inc. ~ Oliver Products, Inc. ~ Onaway State Park ~ Ondeo-Nalco Chemical ~ Ontonagon Conservation District ~ Orchard Beach State Park ~ Orchards Golf Club ~ Original Equipment Suppliers Association ~ Orion Marine Center ~ Ortonville Recreation Area ~ Osceola/ Lake Conservation District ~ Oscoda Conservation District ~ Otsego Conservation District ~ Otsego Lake State Park ~ Ottawa Conservation District ~ Ottawa County ~ Otter Creek Marina, Inc. ~ Oxford Hills Golf & Country Club ~ P.J. Hoffmaster State Park ~ Packaging Corporation of America ~ Paint Creek Country Club ~ Palisades Nuclear Plant ~ Palmer Engineering, Inc. ~ Palms Book State Park ~ Panasonic/Matsushita Electric Corp. of America ~ Parchment School District ~ Partnership for Meeting Ecological and Agricultural Needs of the Dowagiac River System ~ Partnership for the Saginaw Bay Watershed ~ Partridge Creek Golf Club ~ Pearson Foods Corporation ~ Pere Marquette Watershed Council ~ Peterson's Farms ~ Petoskey News-Review ~ Petoskey State Park ~ Petoskey-Bay View Country Club ~ Pfizer ~ Pheasants Forever ~ Pier 1000 Marina ~ Pier 33 ~ Pilgrim's Run Golf Club ~ Pinckney Recreation Area ~ Pine Knob Country Club ~ Pine Lake Country Club ~ Pine View Golf Club ~ Pines Golf Course ~ Pioneer Foundry Company, Inc. ~ Pipestone Creek Golf Course ~ Planning & Zoning Center ~ Plantenga's Cleaners ~ Plastech Engineered Products ~ Plum Hollow Country Club ~ Plumbing Inspectors Association of Michigan ~ Plym Park Golf Course ~ Plymouth Plating Works ~ PMI ~ Pohcat ~ Point O Woods Golf & Country Club ~ Polar Environmental Service Corporation ~ Polo Fields Golf & Country Club ~ Pontiac Lake Recreation Area ~ Pope and Young Club ~ Porcupine Mountains Wilderness State Park ~ Port Crescent State Park ~ Port Elizabeth Marina ~ Port Huron Golf Club ~ Port Huron Hospital ~ Port Sanilac Marina ~ Portage Printing ~ Potawatomi Indian Nation ~ Potawatomi Land Trust ~ Pottawatomie RC&D ~ Pratt & Whitney AutoAir ~ Presque Isle Conservation District ~ Presque Isle County Development Commission ~ Presque Isle Power Plant ~ Presto Print ~ Prestwick Village Golf Club ~ Price and Company, Inc. ~ Print Haus ~ Print Shop ~ Printing Industries of Michigan ~ Print-Tech, Inc. ~ Printwell ~ Progressive Graphics ~ Proud Lake Recreation Area ~ Public Health Delta and Menominee Counties ~ Public Interest Research Group In Michigan ~ Public Policy Associates ~ Quail Ridge Golf Club ~ Quail Unlimited ~ Qualifications Based Selection, Inc. ~ Quality Metalcraft, Inc. ~ Quick Printing Company ~ Radrick Farms Golf Club ~ Railside Golf Club ~ Rails-to-Trails Conservancy ~ Raisin River Golf Club ~ Raisin Valley Land Trust ~ Ram Leather Care, Inc. ~ Rapid-Line, Inc. ~ Recellular Inc. ~ Red Arrow ~ Red Run Golf Club ~ Rehabilitation Hospital of Michigan ~ Reilly Plating Co ~ Relizon ~ ReNew Systems, Inc. ~ Republicans for Environmental Protection ~ RETAF ~ Reyes Advertising Specialties ~ Richmond Forest Golf Course ~ Riegle Press Inc., The ~ Rifle River Watershed Restoration Committee ~ Right Place Inc. ~ Riverfront East Alliance ~ Riverrun Press ~ Riverview Highlands Golf Club ~ RMT, Inc. ~ Robert B. Annis Water Resources Institute ~ Rock ~ Rock-Tenn Corporation ~ Rocky Mountain Elk Foundation ~ Rogers Printing Inc. ~ Ronningen Research & Development Company ~ Rotary Multiforms, Inc. ~ Royal Scot Golf ~ Ruffed Grouse Society ~ Ryan Correctional Facility ~ S. Higgins Lake State Park ~ Sackner Products ~ Safety Council for Southeast Michigan ~ Saginaw Bay RC&D ~ Saginaw Bay Watershed Initiative Network ~ Saginaw Chippewa Indian Tribe ~ Saginaw Conservation District ~ Saginaw Country Club ~ Saginaw County ~ Saginaw Valley State University ~ Saint Clair Boat Harbor ~ Saint Joseph Mercy Livingston Hospital ~ Saint Joseph Mercy Saline Hospital ~ Salem Hills Golf Club ~ San Chez Restaurant ~ Sandy Ridge Golf Course ~ Sanilac Conservation District ~ Sanilac County Health Dept. ~ Sanilac Historic Site ~ Sappi Fine Papers North America ~ Saugatuck Dunes State Park ~ Saugatuck Yacht Service ~ Sauk Trails RC&D ~ Sault Ste Marie Tribe of Chippewa Indians ~ Sawmill Golf Club ~ SBF/Corona Graphics, Inc. ~ Scenic Michigan ~ Schefenacker Vision Systems USA, Inc. ~ Scheurer Hospital ~ Schoolcraft Conservation District ~ Scio Residents for Safe Water ~ Seeley's Printing Service ~ SEMCO Energy Gas Company ~ SEMCOG ~ Service Station Dealers Association of Michigan ~ Seven Lakes State Park ~ Seyburn, Kahn, Ginn, Bess, Deitch & Serlin, P.C. ~ Shady Side Farm ~ Shanty Creek Resort ~ Sharp Electronics Corporation ~ Shepard Advisors ~ Shepherd's Hollow Golf Club ~ Sheridan Books, Inc. ~ Shiawassee Conservation District ~ Shiawassee County ~ Shiawassee National Wildlife Refuge ~ Shiawassee River Program Office ~ Siemens VDO Automotive ~ Sierra Club ~ Sierra Consultants ~ Sierra Geological & Environmental Consultants, Inc. ~ Silver Lake State Park ~ Sinai-Grace Hospital ~ Sir Speedy Printing ~ Skilled Manufacturing, Inc. ~ Sleeper State Park ~ Sleepy Hollow State Park ~ Small Business & Technology Development Center ~ Small Business Association of Michigan ~ Smurfit Stone Container Corporation ~ Society of Automotive Engineers ~ Society of Manufacturing Engineers ~ Society of the American Institute of Architects ~ Society of the Plastics Industry ~ Solutia, Inc. ~ Somersett Park Golf Club ~ Sorenson Paperboard Corporation ~ South Haven Municipal Marina ~ Southeast Michigan Land Conservancy ~ Southeast Michigan Sustainable Business Forum ~ Southgate Municipal Golf Course ~ Southwest Land Conservancy ~ Southwest Michigan First ~ Southwestern Michigan Tourist Council ~ Sparrow Health System ~ Spartan Motor, Inc. ~ Spartan Printing ~ Spartan Steel Coating ~ Spicer Group ~ Spring Lake Country Club ~ Springbrook Golf Course ~ Springdale Golf Course ~ Spruce Ridge Golf Club ~ SQS, Inc. ~ St. Clair Conservation District ~ St. Clair County ~ St. Clair River Country Club ~ St. Clair River RAP ~ St. Clair Shores Country Club ~ St. John Oakland Hospital ~ St. Joseph Conservation District ~ St. Joseph County Conservation District ~ St. Joseph Mercy Hospital ~ St. Mary Mercy Hospital ~ St. Mary's Mercy Medical Center ~ Stainway Corporation dba Cleaner Cleaners ~ Standard Printing & Office Supply ~ Standard Register Company ~ State Environmental Leadership Program ~ Steel Tank Institute ~ Steelcase ~ Sterling State Park ~ Stony Creek Golf Club ~ Stonycroft Hills Club ~ Straits State Park ~ Student Environmental Action Coalition ~ Subaru Research and Development, Inc. ~ Sun Chemical ~ Sundog Marina ~ Sunnybrook Country Club ~ Sunset Harbor ~ Sunshine Prairie Farm ~ Suppliers Partnership for the Environment ~ Suspa Incorporated ~ Sustainable Research Group ~ SVH Group ~ Sycamore Hills Golf Club ~ Sylvan Glen Golf Course ~ Szikszay Family Farms ~ T.E.S. Filer City Station ~ TAC Manufacturing ~ Tahquamenon Falls State Park ~ Tam- O-Shanter Country Club ~ Taplin Environmental Contracting Corporation ~ Target Information Management, Inc. ~ Tawas Plating Co ~ Taylor Building Products ~ TBF Graphics ~ Ted Nugent United Sportsmen of America ~ Teknit ~ TekSolutions, LLC ~ Tenneco Automotive ~ Terrace Bluff Golf Club ~ Tesco Engineering ~ Thomas Herremans, D.D.S., P.C. ~ Thomson-Shore Inc. ~ Thornapple River Watershed Group ~ Thornapple/Grand Conservation District ~ Three Lakes Association ~ Thunder Bay River Watershed Council ~ Timber Ridge Golf Club ~ Timber Trace Golf Club ~ Timberland RC&D ~ Timbers Golf Club ~ TimberStone Golf Course ~ Tip of the Mitt Watershed Council ~ Torresen Marina ~ Tournament Players Club of Michigan ~ Tower Marine ~ Transportation Action Strategy for Kalamazoo County ~ Transportation Riders United ~ Travel Michigan ~ Traverse City Area Chamber of Commerce ~ Traverse City Golf & Country Club ~ Traverse City State Park ~ Traverse Group ~ Travis Pointe Country Club ~ Treetops Sylvan Resort ~ Tri-County Pdbg. Inspectors Association ~ Tri-Lakes Home Builders Association ~ TriMedia Consultants, Inc. ~ Trout Unlimited ~ Troy Cleaners ~ True North Golf Club ~ TRW Automotive ~ Tuscola Conservation District ~ Tuscola County ~ Tweddle Litho Company ~ Twin Beach Country Club ~ Twin Lake State Park ~ Twin Lakes Golf Club ~ Tyler Refrigeration ~ U.S. Department of Energy Midwest Regional Office ~ U.S. Fish & Wildlife Service ~ U.S. Green Building Council ~ U.S. Postal Service ~ ULI ~ Uni Boring Company ~ Unified Industries, Inc. ~ United Earth Fund ~ United States Army Corps of Engineers ~ Universal Coating, Inc. ~ University Lithoprinters ~ University of Michigan ~ University of Nebraska Omaha ~ Upper Peninsula Building Officials Association ~ Upper Peninsula Conservation Center ~ Upper Peninsula Environmental Coalition ~ Upper Peninsula Resource and Conservation & Development Council ~ Upper Peninsula Travel & Recreation Association ~ Urban Options ~ US Army Environmental Center ~ US Army Garrison Environmental Management Division ~ US Army Garrison Selfridge ~ USDA-NRCS ~ Utley Brothers, Inc. ~ Valassis Communications, Inc. ~ Valley Chrome Platers ~ Valley City Environmental Services, Inc. ~ Van Buren Conservation District ~ Van Buren State Park ~ Van Buren-Cass County District Health Dept. ~ Van Riper State Park ~ Vertis Inc RNS ~ ViaTech Publishing Solutions ~ Vico Products Company ~ Victor Inc. ~ Viking Boat Company ~ Village of Port Sanilac ~ Visteon ~ W.C. Wetzel State Park ~ W.E.S. Corporation ~ W.J. Hayes State Park ~ Wabeek Country Club ~ Wacker Chemical ~ Wagner Falls Scenic Site ~ Walnut Creek Country Club ~ Walnut Hills Country Club ~ Walstrom Marine, Inc. ~ WARM Training Center ~ Warren Dunes State Park ~ Warren Woods State Park ~ Warwick Hills Golf and Country Club ~ Washtenaw Conservation District ~ Washtenaw Country Club ~ Washtenaw County ~ Washtenaw Land Trust ~ Waste Management Branch U.S. EPA Region 5 ~ Waste Trends ~ Wastewater Engineers, Inc. ~ Water Resource Specialist ~ Waterloo Recreation Area ~ Watermark Country Club ~ Water's Edge Country Club ~ Watershed Center, Grand Traverse Bay ~ Wayne Conservation District ~ Wayne County ~ Wayne State University ~ Webco Press ~ West Colony Printing ~ West Michigan Chapter of the Association of Energy Engineers ~ West Michigan Child and Family Leadership Council ~ West Michigan Environmental Action Council ~ West Michigan Mechanic Inspectors Association ~ West Michigan Program Office ~ West Michigan Region Environmental Network ~ West Michigan Soil Erosion Control Network ~ West Michigan Sustainable Business Forum ~ West Michigan Tourist Association ~ West Shore Golf and Country Club ~ Western Michigan Metro Elect. Inspectors Association ~ Western Michigan University ~ Western Upper Peninsula District Health Department ~ Western Upper Peninsula District Health Dept. ~ Wexford Conservation District ~ Weyerhaeuser Company ~ Whispering Pines Golf Club ~ Whispering Willows Golf Course ~ White Lake RAP ~ White Pigeon Paper Company ~ Whitehall Landing, Inc. ~ Whitetails Forever Network ~ Whitlam Label Co. ~ Wild Bluff Golf Course ~ Wilderness State Park ~ Willow Metropark Golf Course ~ Windjammer Marina ~ Wireless Source ~ Wisconsin Electric Power ~ Wm. Mitchell State Park ~ Wolcott Mill Golf Course ~ Woldumar Nature Center ~ Wolverine Plating Corp ~ Women's Hospital ~ Wood Press Company ~ Wuskowhan Players Club ~ Wyandotte Shores Golf Course ~ Wyngate ~ Wyoming Wastewater Treatment Plant ~ Yacht Basin Marina ~ Yamaha Musical Products ~ Yankee Springs Recreation Area ~ Yarrow Golf & Conference Center ~ Yazaki North America, Inc. ~ Young State Park ~ Ypsilanti C.U.A.