EMRAP

Statutory Authority:

– Public Act 368 of 1978

Environmental Management and Risk Assessment Program

Addresses public health and environmental concerns associated with the transportation, use, storage and disposal of hazardous/polluting materials generated in our homes, gardens, communities and industrial settings. Staff members interact with local, state and federal agencies to positively affect the outcome of spills, releases and illegal dumping of these materials.

Mercury Thermometer Exchange

Environmental Management Risk Assessment Program

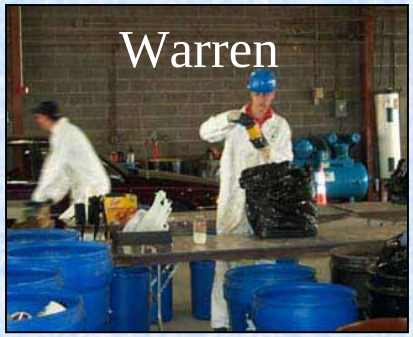
EMRAP Objectives include:

- Investigate human exposure to toxic & hazardous materials
- Provide consultative & educational services to increase community knowledge concerning toxic & hazardous materials
- Coordinate & participate in planning for potential problems & chemical emergency response
- Conduct *Household Hazardous Waste, Medication Disposal* and *Clean Sweep Pesticide Collections* at locations throughout the county, to remove & dispose of unwanted, unused and banned chemicals in an environmentally safe and effective manner
- Mercury reduction through the *MCHD Thermometer Exchange Program*.

. . .addressing hazardous materials issues in the community

Household Hazardous Waste Satellite Collections

One-day household hazardous waste collection events at temporary facilities at four different locations throughout Macomb County.



. . .expanding the HHW services offered to Macomb County residents

Medication Disposal

Both over-the-counter and prescription medications can be brought in during Household Hazardous Waste collection events for proper disposal. Only non-narcotic medications can be accepted. Medications must be delivered in non-descript containers, such as zip-lock bags or empty milk jugs.

. . .improving the HHW services offered to Macomb County residents

Indoor Air Quality

The MCHD provides recommendations and consultative services on indoor air quality issues, including:

RADON - A naturally occurring radioactive gas that is the leading cause of lung cancer in non-smokers. Do-It Yourself Home Radon Test Kits are available free from the MCHD.

CARBON MONOXIDE - A combustion by-product that is an acutely hazardous chemical asphyxiant. CO detectors will alert occupants to elevated CO levels in the home.

MOLD - A biological pollutant that is a sign of moisture problems. Health effects include runny nose, eye irritations, rash, cough and aggravation of asthma and allergies.

. . . educating the public about common indoor air issues

Lead Assessment

A certified lead assessor performs environmental investigations on homes to determine source(s) of lead. These investigations are conducted primarily upon referral from the Michigan Department of Community Health for children with lead poisoning. Referrals are also accepted from physicians, hospitals and other agencies.