

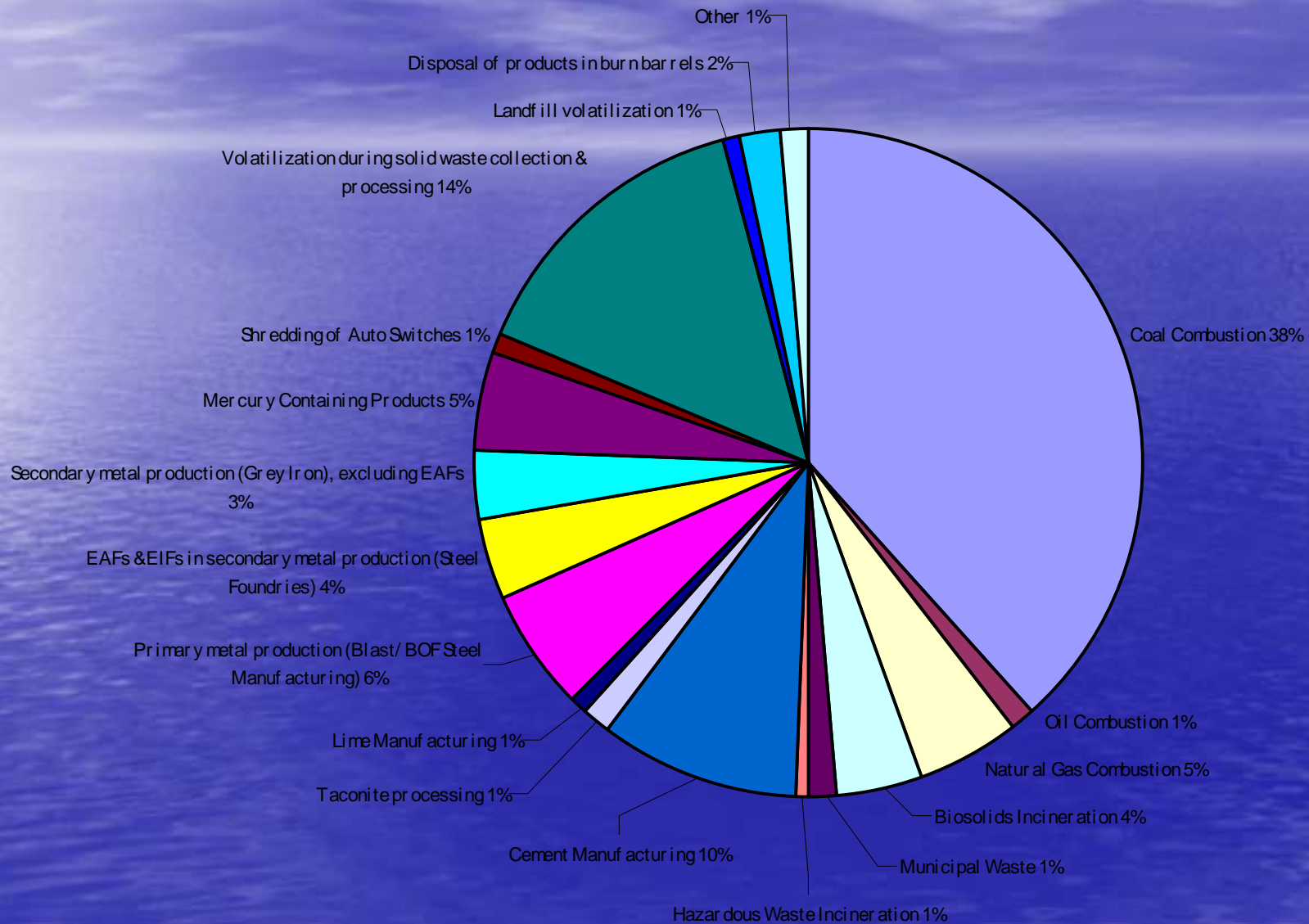


Michigan Department of
Environmental Quality

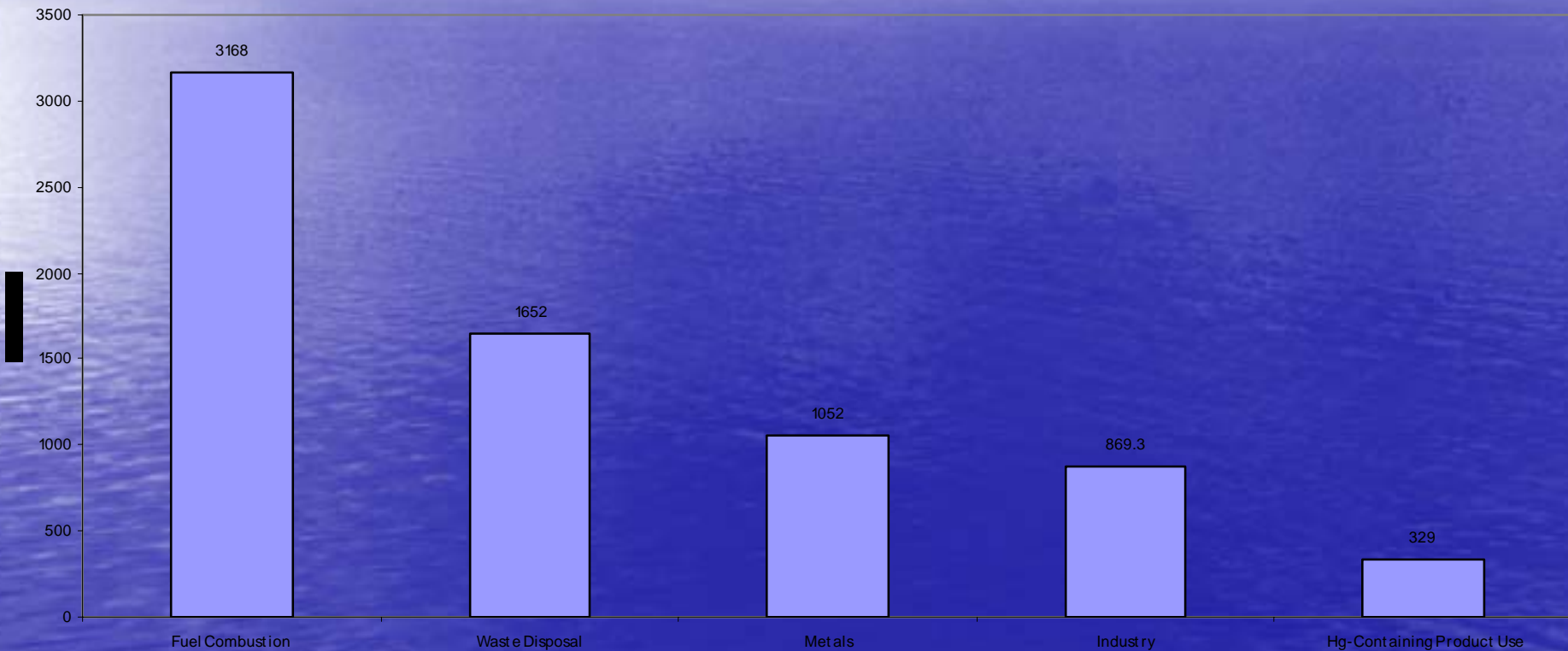
Overview of Hg Initiatives



2002 Estimates of Anthropogenic Mercury Emissions in Michigan



Emissions by Sector



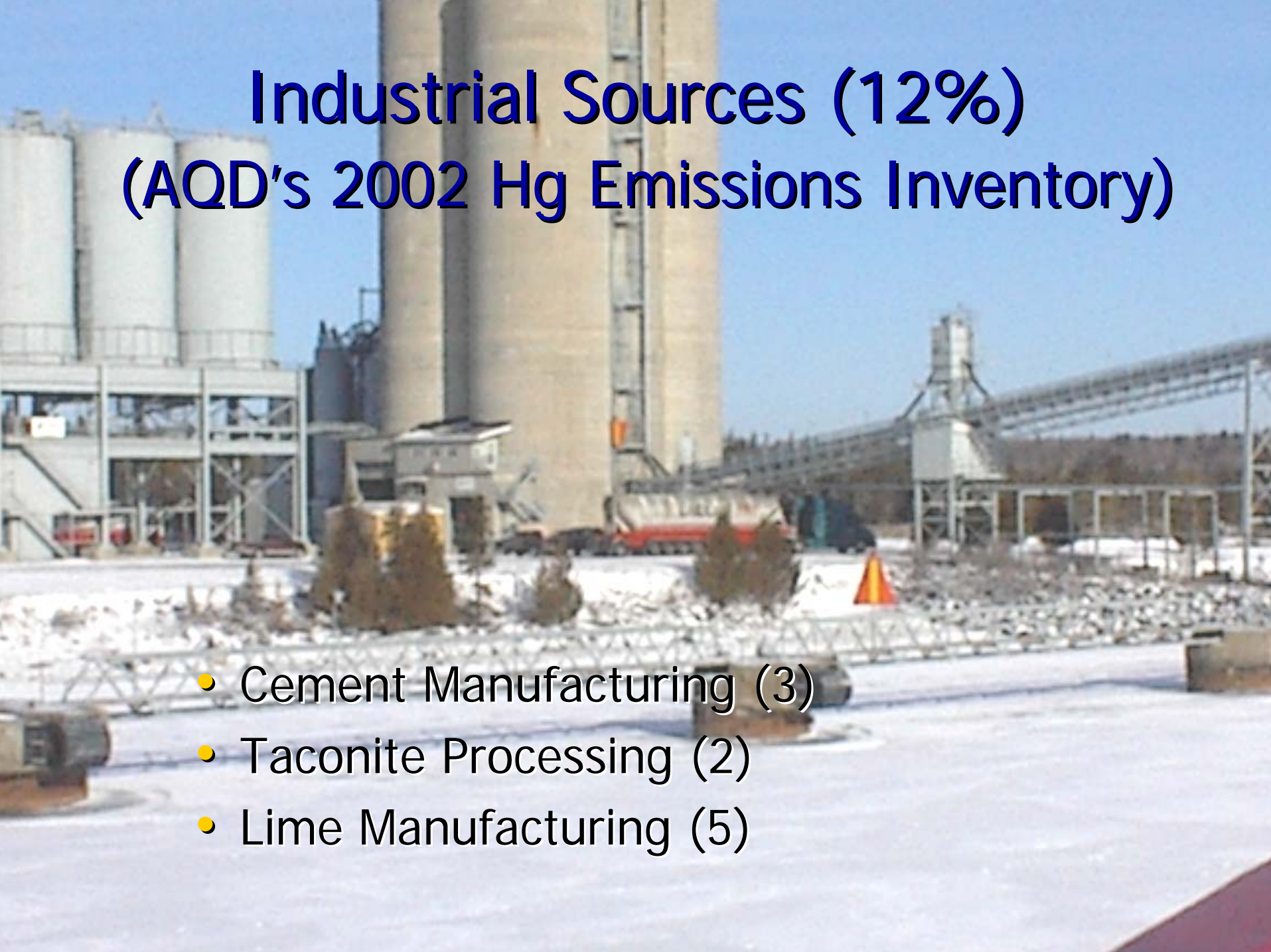
MDEQ Summary of Mercury Reduction Activities

- MDEQ-AQD routinely requires reduction of Hg emissions thru the permitting process and state rules (for MWCs and HMIWIs)
- MI's Hg Electric Utility Workgroup (convened 8/03, released their final report 6/05)
- MDEQ Hg Strategy Workgroup (convened 1/06 charged w/ developing a strategy for MDEQ by fall '06)
- MDEQ-AQD convening a Portland Cement Plant Workgroup (to include all stakeholders) by Spring '06 to develop recommendations for Hg reductions by Spring 07.

Governor Granholm's Charge

April 17, 2006

- The Governor has instructed the DEQ to pursue a rule that will require coal-fired power plants to reduce Hg emissions by 90% by 2015.
- A stakeholder workgroup will be formed in the near future to develop the rule.
- Final Report June 20, 2005
[<http://www.deq.state.mi.us/documents/deq-aqd-air-aqe-mercury-report.pdf>]

A photograph of an industrial facility, likely a cement or lime plant, with several tall, cylindrical silos and various structures. The ground is covered in snow, and there are some orange traffic cones visible. The sky is clear and blue.

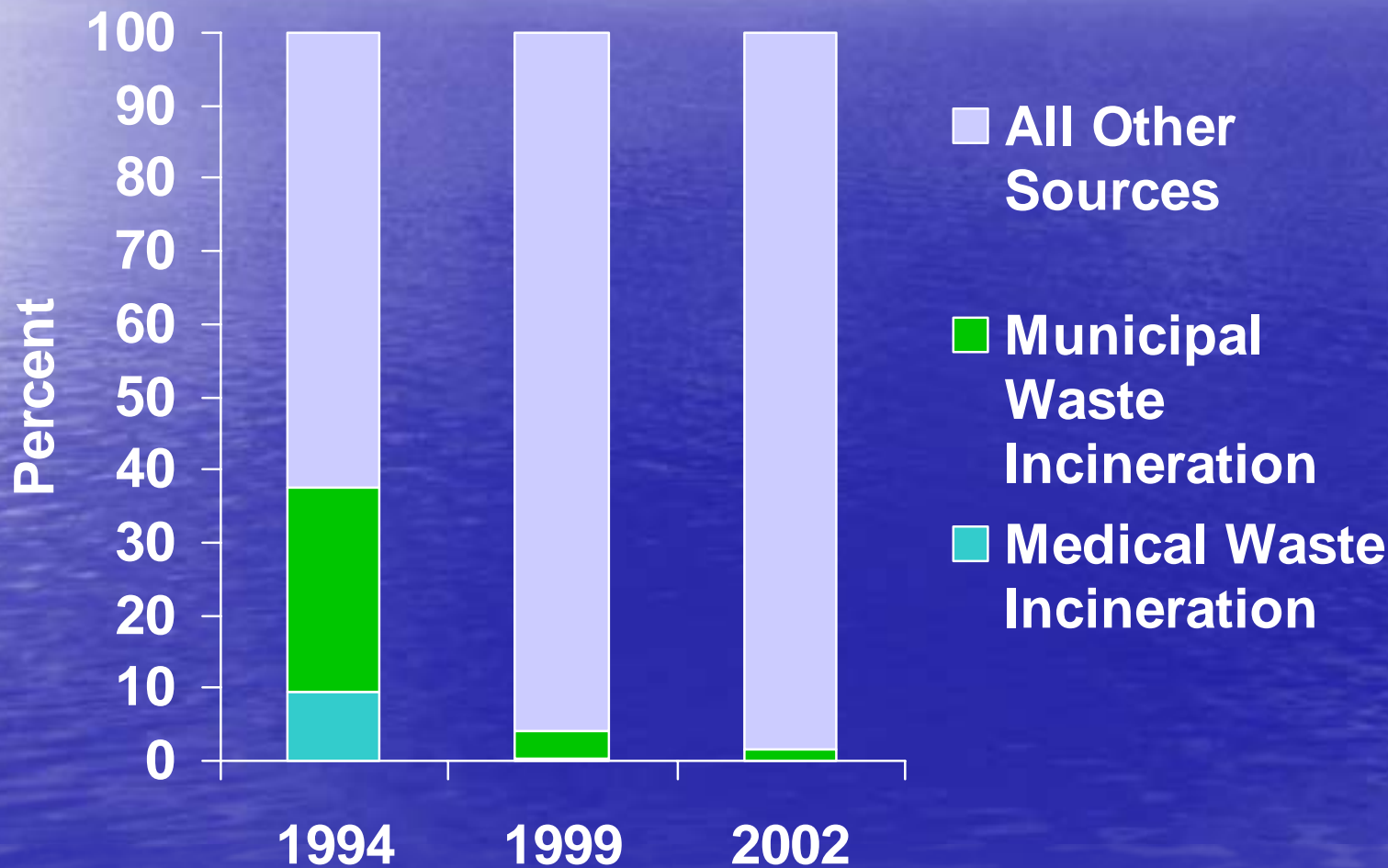
Industrial Sources (12%) (AQD's 2002 Hg Emissions Inventory)

- Cement Manufacturing (3)
- Taconite Processing (2)
- Lime Manufacturing (5)

Portland Cement Manufacturing Facilities Workgroup

- Invitation letters went out April 10, 2006
- Charge: "...evaluate opportunities for significant emission reductions and phase-out of Hg emissions from portland cement manufacturing facilities in MI..."
- Draft recommendations by 2/15/07
- Complete final recommendations and submit to MDEQ Director by 4/3/07

Reductions in Mercury Emissions from Medical Waste & Municipal Waste Incineration



Tri-State Mercury Monitoring Project

- MI, MN and WI Joint Application to EPA, received a grant in 2000
- Project Objective: "To further identify and quantify mercury air sources within the Great Lakes' states and share the data..."
- Continue to quantify fugitive releases from spills, landfills, waste amended soils, medical waste, etc. in the 3 states thru 2006.