

Petitioners' Suggested Mercury Rule

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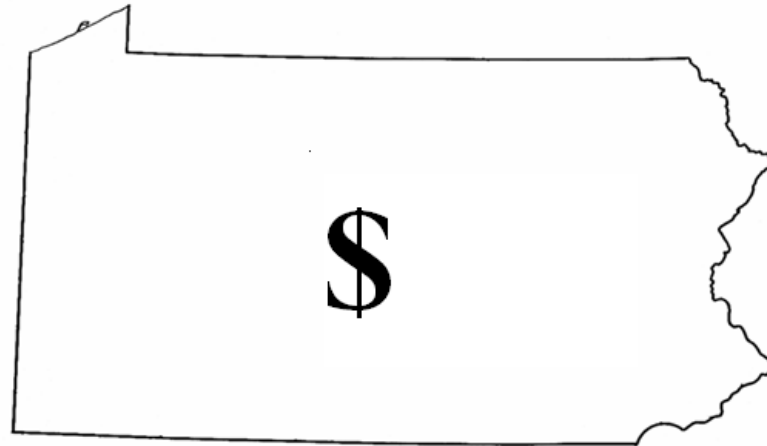
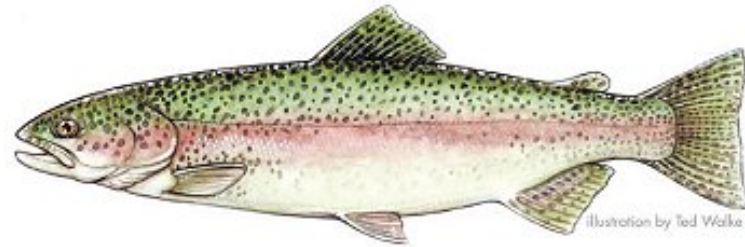
PennFuture

November 30, 2005

Based on NJ Rule

- Petition submitted August 9, 2004
- Pa. Code requires suggested language
- Petition surveys 4 states (NJ, MA, CT, WI)
- Our suggested language based on New Jersey proposed rule of 1/04
- NJ Rule final 12/04; changes in final rule did not impact our suggested language

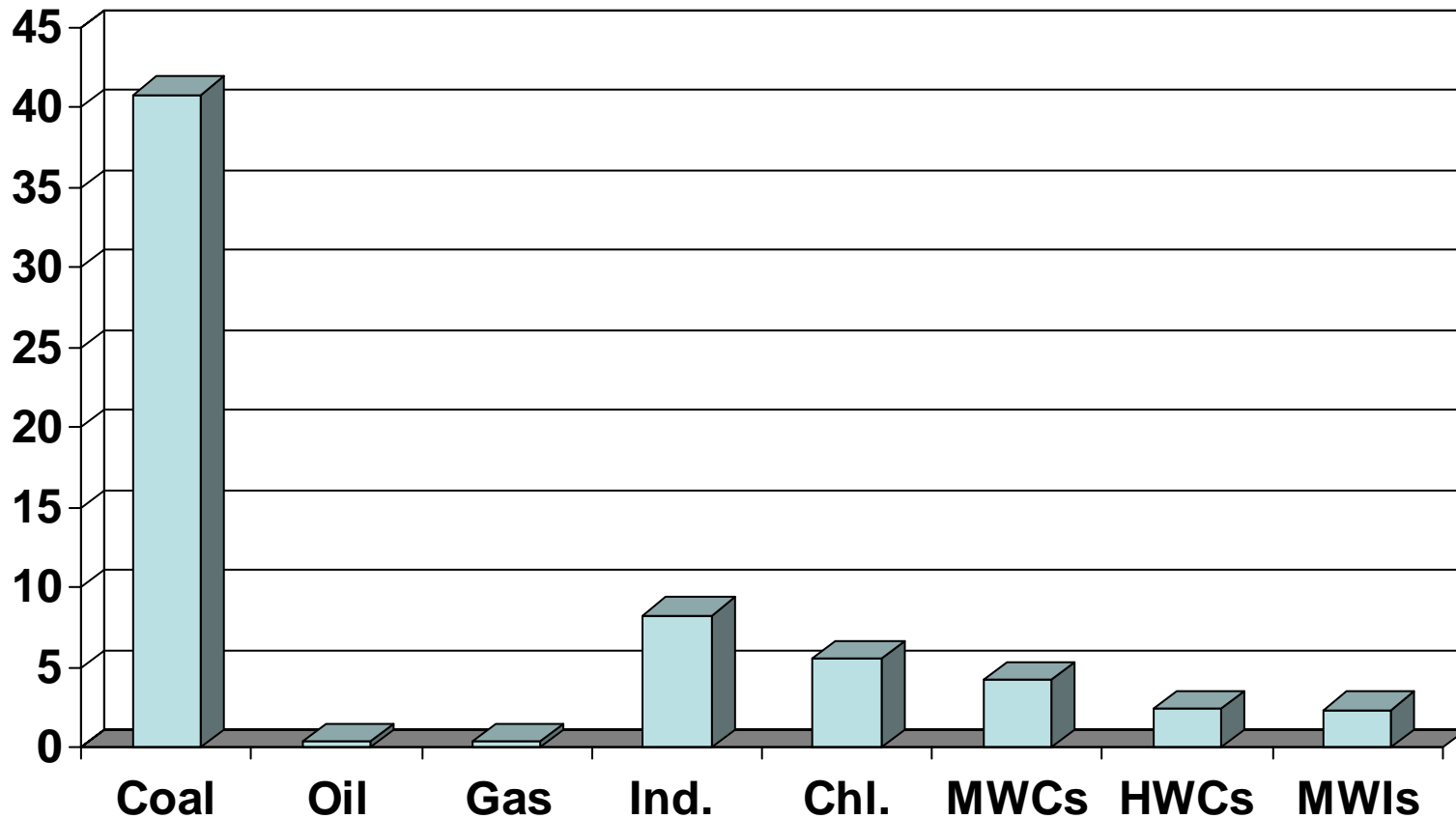
Why Mercury?



Pennsylvania - The Keystone State

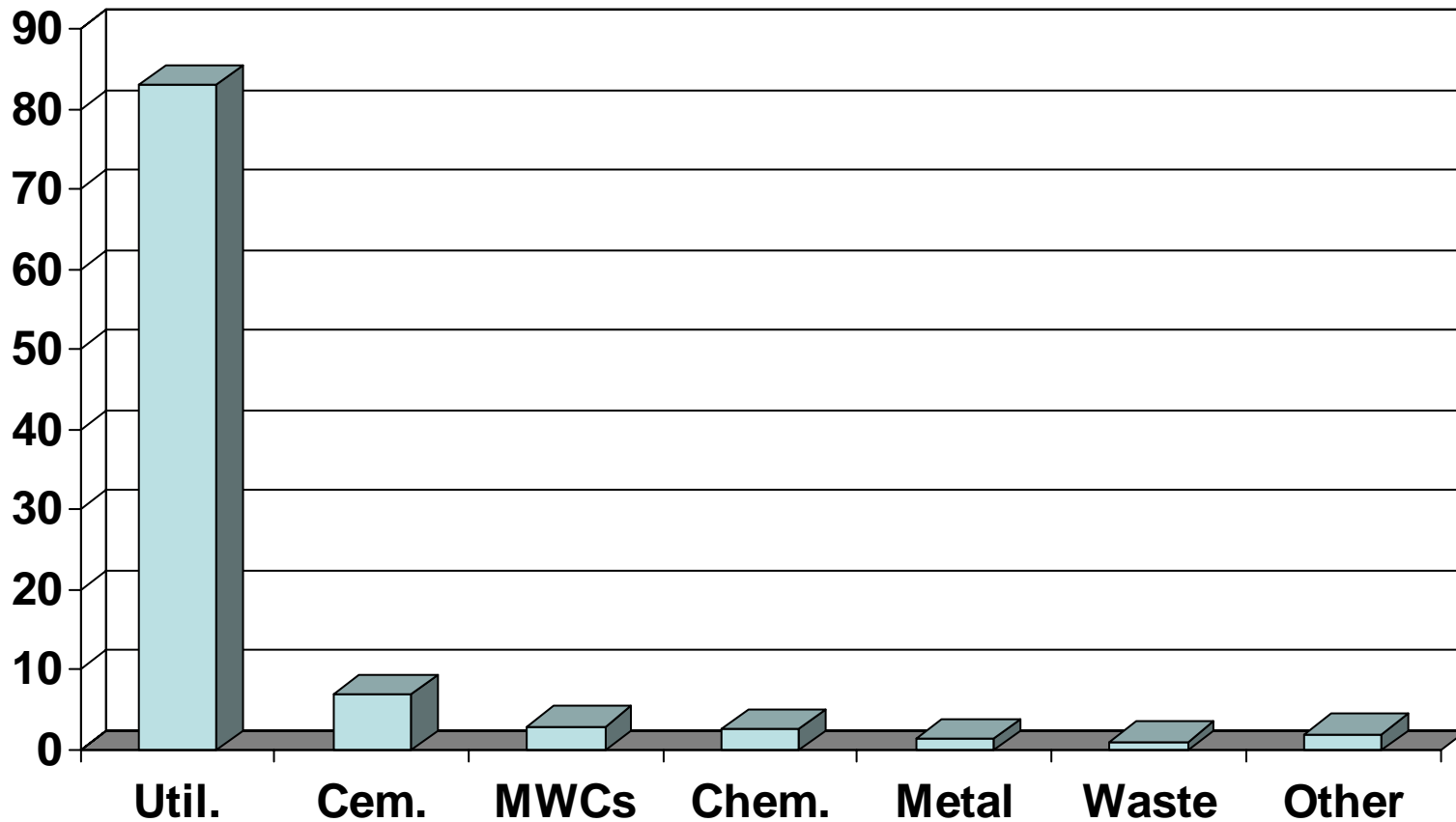
U.S. Mercury Emissions (%)

Source: NESCAUM, 2003 (based on 1999 emissions data)



PA Mercury Emissions (%)

Source: Pa. DEP via National Wildlife Federation (2002 emissions data)



Substantive Req'ts

- Applies to coal-fired boilers over 25 MWe
- Requires (a) that emissions not exceed 3.00 mg/MW-hr or (b) that reduction efficiency of air pollution controls be at least 90 percent
- Compliance by three years from final rule

Flexibility (1)

- Two compliance options (including output standard to reward efficiency)
- Averaging of stack tests (3 test runs/quarter for 4 consecutive quarters)
- Averaging of boilers at same facility by plan approved by DEP
- Limit does not apply to plant that will close by 2012 by agreement with DEP

Flexibility (2)

- Multipollutant option: mercury standards extended 5 years for up to half of coal-fired MW capacity where agreement by 2007 to meet specified limits for NO_x, SO₂ and PM by 2012