



DEQ Program Reviews: Preliminary Results

Toxics Reduction Strategy Stakeholder Meeting
July 27, 2010



The Process

- Survey
- All DEQ Divisions – about halfway complete
- Starting to work with other state agencies
- Expected outcomes – how we're going to use the results



Combustion & Petroleum By-products

- Robust monitoring and assessment across divisions
- Addressing polycyclic aromatic hydrocarbons (PAHs) mostly by group, not individual chemicals
- Most programs focus on chemicals after discharge or release
- Some targeted efforts focus on prevention (AQ), but limited



Consumer Products

- Minimal monitoring and assessment, but increasing
- Mostly addressing through voluntary efforts – very few regulatory standards
- Minimal program efforts to address comprehensively
- Most management efforts focus on reducing release and on waste collection



Current Use Pesticides

- Extensive monitoring and assessment in certain areas of the state, but not geographically diverse or comprehensive
- 2 of 3 divisions and several programs address to limited degree, but most CU pesticides do not have state regulatory standards or benchmarks
- Some prevention, but mostly focus on waste and release within DEQ
- Many programs defer or work cooperatively with Oregon Dept of Agriculture and Forestry



Legacy Pesticides

- Mostly monitoring and assessment
- Limited waste collection programs for agriculture and commercial sector, but demand is high
- Minimal solutions to eliminate releases
 - mostly minimizing spills and long-term cleanup



Flame Retardants

- Minimal monitoring and assessment, but increasing
- Fewest efforts to address than any other category
- Recent bans of some chemicals by legislature, but very few programs with regulatory standards



Industrial Chemicals & Intermediates

- Extensive monitoring and assessment, some the most well-studied
- Federal program (EPA) to address use and disposal of PCBs
- Few programs directly address reducing ammonia in the environment – minimal alternatives



Metals

- Most monitored and assessed of all categories
- All divisions and most programs address metals
- Few programs address all metals, while many programs do not address directly a few metals (copper, nickel)



Volatile Organic Compounds

- Well monitored and assessed by most programs
- Addressed by all divisions and most programs
- Most programs focus on controlling releases, but multiple efforts address pollution prevention