



Forward Progress on Moderate-Risk Waste with the Beyond Waste Plan

Beyond Waste

www.ecy.wa.gov/beyondwaste

30-Year Statewide Plan to:

- Decrease solid and hazardous wastes
- Increase recycling and reuse
- Reduce the use of toxic substances
- Properly manage remaining wastes
- Consistent with state law

Vision

We can transition to a society where wastes are viewed as inefficient, and where most wastes and toxic substances have been eliminated.

This will contribute to environmental, economic and social vitality.

Collaboration Defined

- 4-year plus planning process
- Comprehensive scope and broad vision required collaborative planning
- 64 recommendations, from
 - 25 issue papers, developed by 14+ workgroups (120 people), and
 - discussed at 36 public mtgs, 20+ State SWAC meetings, and
 - 20+ conferences/mtgs, then distributed to a mail list of over 1,000

Beyond Waste 5 Key Initiatives

- Reduce **INDUSTRY'S** toxic materials & hazardous wastes
- Reduce threats from small-volume hazardous wastes & materials (**MRW**)
 - (**MRW = Household Hazardous Waste and Hazardous Waste from Small non-household generators**)
- Increase **ORGANICS** closed-loop recycling
- Make **GREEN BUILDING** mainstream
- **MEASURE PROGRESS** regularly

Why these 5 Key Initiatives?

- Address stakeholder priorities
- Address large portions of waste stream
- Opportunity and momentum
- Impacts on health & environment
- Interconnectedness

Washington's MRW System

- Every county is required to collect HHW
- 24 Counties also collect some small quantity (CESQG) hazardous wastes from businesses
- Collection has been the focus of many programs at the expense of other MRW program areas

What's Working Well?

- Costs per participant are decreasing
- Consumers & businesses are better informed
- Collection system is fairly stable
- A large portion of what is collected is:
 - Recycled
 - Burned for energy
 - Neutralized or treated to be less problematic

Today's Reality

- Regulatory system based on quantity and wastes vs. threats and products
- MRW mgt system is not sustainable
- More than \$15 million spent by counties and cities on MRW programs, which collected 16% (roughly) of HHW generated (and 1% of CESQG waste generated) in 2003

2003 MRW Collection

HHW

8.9% of households participated

16% of HHW generated in collected (estimate)

CESQG (Small businesses)

Unknown % of CESQGs participated

1% of SQG waste (estimate)

MRW Totals: 29 million pounds collected

- 41% used oil (by weight)
- 35% paint (by weight)

Troubling Trends

- Not enough \$\$ to fully fund the system
- Most uncollected MRW is still disposed
- MRW system doesn't eliminate threats or exposure in use or manufacturing phases
- Most \$ spent to collect paint—can be reused, is less of a problem

Moving Beyond Collection

- Beyond Waste lays out 30-year goals for MRW that mean moving beyond collection. Plan to move “upstream” to provide a WA future of:
 - ❖ Safe Products and Services
 - ❖ Efficient Materials Management
 - ❖ Greater Economic Vitality

10 BW MRW Recommendations

- Prioritize substances
- Reduce threats from mercury **and** PBDEs
- Develop electronics **and** paint product stewardship systems
- Ensure proper use of pesticides
- State govt leadership-EPP & reducing use
- Fully implement local haz waste plans
- Manage MRW by hazards, toxicity & risk
- Ensure MRW facilities are in compliance

All 10 MRW Recommendations Require Partnerships

- Create partnerships among government, business, organizations, and citizen groups from every sector across the state, as they are crucial to decision-making and achieving the Beyond Waste goals
- What gets done is up to US collectively

Six Elements of Local HW Plans

- Public Education (mainly HHW)
- Business Technical Assistance
- HHW Collection
- Business Collection Assistance
- Local Compliance/Enforcement
- Used Oil Collection System (DIY)

Beyond Waste Project Examples

- Handout of Local HW Plan Implementation Projects that support the BW Plan