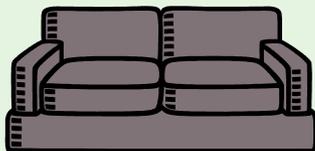


Beyond Waste Plan 2009 Update

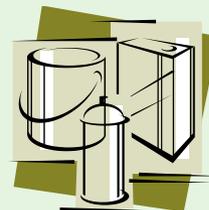
Proposed changes to
Initiative #2: Reducing Small Volume
Hazardous Materials and Wastes

(a.k.a. The MRW initiative)



Initiative #2: Reducing Small Volume Hazardous Materials and Wastes (MRW)

- What's changed?
 - Went from 10 recommendations to 12
 - More focus on bigger picture instead of chemical by chemical
 - More focus on education and research
 - Increased connections to Initiative #1 on Industrial wastes



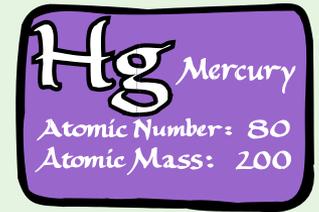
Recommendation MRW 1:

- “Prioritize substances to pursue”

Is now...

- **Eliminate or minimize groups of the most toxic chemicals as part of the agency’s reducing toxic threats work. Prioritize and address those chemicals that pose significant threats to vulnerable populations and the environment and/or for which safer chemical alternatives have been identified. Encourage manufacturers to disclose the composition of their products. (Same as IND 8)**
 - **Milestone MRW A:** There is a reduction in use of at least five specific toxic chemicals or groups of toxic chemicals used in products/materials. Safer alternatives to these toxic chemicals have been identified. (*same as IND H*)





Recommendation MRW2:

- “Reduce threats from mercury”

Has stayed the same... but the milestones have changed.

- **Milestone MRW B:** Product stewardship systems for fluorescent lamps, mercury thermostats, and other mercury-containing devices are in place. Mercury in biosolids continues to diminish.
- **Milestone IND R:** The Washington State Mercury Plan has been fully implemented for hospitals, auto switches and lamps, and a repository for mercury is in place, resulting in significantly less mercury in the environment.



Recommendation MRW 3:



- “Reduce threats from PBDEs”

Has become

- **“Reduce threats from PBTs”**
 - **Milestone MRW C:** The Lead Chemical Action Plan (CAP) has been implemented and additional work is being done on other PBTs..



Recommendation MRW 4:

- “Develop electronics product stewardship infrastructure”

Has become

- **“Develop a more comprehensive list of covered electronics through a product stewardship infrastructure.”**
 - **Milestone MRW D:** The scope of electronic products covered by the existing state program is expanded beyond the current three categories.



Recommendation MRW 5:

- “Ensure proper use of pesticides, including effective alternatives”

Has become

- **“Ensure proper use of pesticides and encourage the use of non-synthetic pesticides..”**
 - **Milestone MRW E:** The amount of high-risk, non-agricultural pesticides found in urban waters has decreased..
 - **Milestone MRW F:** Use has increased of lower-risk pesticides or pesticide alternatives s found on lists such as the Organic Material Review Institute (OMRI) Products List. This includes approved fertilizers, soil amendments, and pesticides.
 - **Milestone MRW G:** The proportion of landscape companies using integrated pest management (IPM) as their primary practice has increased.



Recommendation MRW 6:

- “Reduce and manage architectural paint wastes”

Has not changed, but the milestone has...

- **Milestone MRW H:** An industry-led management system for leftover paint has been created through the passage of product stewardship framework legislation.





Recommendation MRW 7:

- “Lead by example in state government”

Is now

- **“Implement and promote Environmentally Preferred Purchasing at state/local governments and in institutional settings, with Ecology leading by example. Support the Climate Action Team proposals and other initiatives.”**

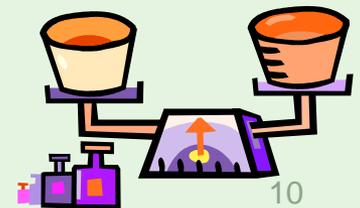
- **Milestone MRW I:** Legislation has been modified to support more Environmentally Preferred Purchasing (EPP), a program to track EPP purchases is in place, and sales of EPP goods and services are increasing. *(same as IND O)*

Recommendation MRW 8:

- “Ensure MRW and hazardous substances are managed according to hazards, toxicity and risks.”

Is now

- “**Ensure MRW and hazardous substances are regulated according to hazards, toxicity, and risk.**”
 - **Milestone MRW J:** Program staff has researched regulatory change strategies for preventing threats from MRW and hazardous substances. The agency is moving in the recommended direction.

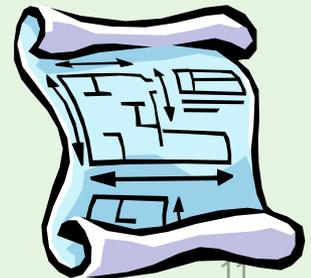


Recommendation MRW 9:

- “Fully implement local hazardous waste plans.”

Has not changed, but the milestone has...

- **Milestone MRW K:** Local hazardous waste plans are up to date and being fully implemented in accordance with Chapter 70.105 RCW and the new local hazardous waste planning guidelines. Full implementation includes all six required program elements, which are:
 - Public Education
 - Business Technical Assistance
 - HHW Collection
 - CESQG Collection Assistance
 - Enforcement
 - Used Oil Collection and Education



Recommendation MRW 10:

- “Ensure facilities handling MRW are in compliance with environmental laws and regulations.”

Has not changed, but the milestone has slightly...

- **Milestone MRW L:** MRW facilities, including treatment, storage and disposal facilities handling MRW, are in compliance with Chapter 173-350 WAC. The facilities reuse or recycle an increasing proportion of MRW.



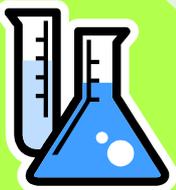
NEW Recommendation MRW 11:

- “Educate the public and businesses on proper use, storage and disposal of hazardous products and wastes. Encourage safer alternatives to minimize toxic threats, especially to vulnerable populations.”
(Same as IND 14).
 - **Milestone MRW M:** Statewide education that minimizes toxic threats is in place and complements local and regional efforts. *(Same as IND P)*
 - **Milestone MRW N:** Fewer toxic products are purchased, misused and/or disposed improperly and the public is more aware of what chemicals are in products. *(Same as IND Q)*



NEW Recommendation MRW 12:

- “Develop and implement a strategy for a more regionally focused MRW program by evaluating the most significant threats and effective approaches, including safer alternatives, to reducing those threats..”
 - **Milestone MRW O:** A strategy has been developed, based on existing and new studies, and is being implemented.



Please Provide Comments!

- **Comments accepted through March 31**
(later by special arrangement)

- **Online comment form:**

www.ecy.wa.gov/beyondwaste

- **Send comments to staff:**

- Janine Bogar: jabo461@ecy.wa.gov 360-407-6654
- Chris Chapman: ccha461@ecy.wa.gov 360-407-7160

- **Thank You!**