

Beyond Waste Plan 2009 Draft Update Implementation Plan

For SWAC
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Implementation Plan History

- Requested by locals to be added to 2004 plan. Included:
 - List of starting points
 - Categories of similar actions
- Promised to add improved implementation plan in 2009 update



2009 Update Implementation Plan

Three parts for three audiences:

- 1) Relationship with agency priorities
 - For Ecology management
- 2) Role for local governments
 - Locals have repeatedly asked for this
- 3) Main implementation strategy table
 - Most pertinent to Ecology staff as well as partners



1) Relationship with Agency Priorities

- One paragraph summary for each initiative and issue on how it supports:

- Reducing Toxic Threats
- Protecting Washington Waters
- Facing Climate Change



- Overall message is:

“Beyond Waste is about more than just waste!”

1) Relationship with Agency Priorities

Relationship with Agency Priorities

(Part of the Beyond Waste Implementation Plan)

The Beyond Waste Plan is about more than just waste. Reducing the volume and toxicity of wastes also helps Department of Ecology meet its priorities to reduce toxic threats, face climate change and protect Washington waters. The paragraphs below summarize the connections between these agency priorities and each initiative and current issue.

How the Industries initiative relates to agency priorities

The Industries initiative focuses on reducing wastes and toxics used and produced in the manufacturing processes by businesses in the state. The initiative is closely tied to the agency's Reducing Toxic Threats priority with a specific emphasis of getting toxics out of products. This also helps protect Washington waters, as reducing wastes and getting toxics out of products lessens the amount of toxic chemicals and other contaminants getting into stormwater, a major source of water pollution. As part of this initiative, Ecology staff will review state agency's sustainability plans which will now include greenhouse gas emissions reduction efforts. The initiative also indirectly supports work on climate change by encouraging more waste reduction and recycling, and less use of virgin materials, thus reducing greenhouse gas emissions.

How the Small-Volume Hazardous Materials and Waste initiative relates to agency priorities

Reducing Toxic Threats is focused on preventing the harm caused by widespread use of toxic chemicals. The Small-Volume Hazardous Materials and Waste initiative balances the need to manage and regulate hazardous materials already in use with newer prevention strategies. These strategies include finding ways to encourage manufacturers to make, and consumers to demand, the use of safer products. Identifying safer alternatives, a recurring theme in this initiative, is a critical piece of prevention efforts. Encouraging manufacturers and consumers to reduce their use of toxic chemicals and products helps protect Washington waters as it reduces potential toxic releases to the state's waters. Finally, several milestones directly assist efforts to face climate change, particularly recommendations on environmentally preferable purchasing and consumer education.

2) Role for Local Governments

- Includes:
 - Introduction with overarching themes
 - Recommendation-specific roles for local governments
- Key roles for locals are highlighted - - there are some recommendations we can't accomplish without them!



2) Role for Local Governments

Beyond Waste Implementation Plan for Local Government Partners

Local governments have requested more information explaining their role in reaching the Beyond Waste vision. The success of the Beyond Waste Plan depends heavily on local government engagement and action. Their role is both large and vital.

There are some overarching themes and approaches that apply to many of the Beyond Waste Initiatives. These are essential actions for locals to consider:

Include Beyond Waste Initiatives, goals, recommendations and milestones in your local comprehensive solid waste or hazardous waste plan. When updating city or county solid or hazardous waste management plans, include language from the Beyond Waste Plan that is consistent with your goals.

Support resource recovery and recycling infrastructure development. To increase recovery of currently wasted resources, facilities must exist to process those materials. Consider how you can help with tax incentives or streamlined zoning and building permitting processes.

Focus programs on preventing wastes in the first place. This is the key tenant of the Beyond Waste Plan. It is not enough to manage wastes; we must also focus on creating less waste. ...

Organics Recommendations and Local Role

***ORG 1: Lead by example in government.**

Role for Locals: Establish organic recycling and food recovery programs in local governments.

***ORG 2: Increase residential and commercial organics recovery programs.**

Role for Locals: Provide organics recovery programs to residents and businesses, including home composting. Develop incentives to increase organics infrastructure and program participation. Promote healthy soils and natural yard care.

***ORG 3: Improve quality of recycled organic products.**

Role for Locals: Make sure publicly owned facilities or private facilities processing publicly collected organics produce high quality compost products. Educate consumers about quality recycled organic products and uses.

ORG 4: Develop a strategy to increase industrial and agricultural organics recovery.

Role for Locals: Help identify what industrial and agricultural organics exist in your county, and what systems exist for turning these materials into products. Work with associated agencies to encourage industrial and agricultural organics generators in your jurisdiction to recover organic wastes.

ORG 5: Propose solutions to statutory and regulatory barriers.

Role for Locals: Identify regulatory barriers and propose solutions to help increase organics collection and recycling in your county.

ORG 6: Develop new products and technologies for organic residuals.

Role for Locals: Assist with opportunities to develop new products and technologies. Support the use and development of bio-fuels and energy. Participate in the statewide effort to develop a beneficial use hierarchy for recycled organic materials.

3) Main Implementation Table

- Includes Implementation Strategies with
 - Partners
 - Actions
 - Priorities
- Synergies with other initiatives



3) Main Implementation Table

	Recommendation	5-Year Milestones	Implementation Strategies	Synergies with other Initiatives
Initiative: Current Solid Waste Issues	Solid Waste Authorities and Local Planning Issues			
	SW 1: Encourage inclusion of Beyond Waste principles into local plans	SW A: Reducing the volume and toxicity of waste is a goal of all solid waste plans.	As an on-going effort, planners assist and encourage local governments to incorporate more Beyond Waste principles and programs in their local plans. Grants may be available to help.	MRW 9 MRW, ORG, GB, SW Issues in general.
	SW 2: Revise local planning guidelines	SW B: Solid waste planning guidelines are up to date and concurrent with the Beyond Waste vision, principles, and RCW 70.95.010.	Ecology staff, with a work group of affected stakeholders, will update the solid waste planning guidelines. This effort should be completed by early 2010. Partners include local governments, consultants	MRW 9 MRW, ORG, GB, SW Issues in general.
	SW 3: Expand assistance to local planning jurisdictions	SW C: Locals tap into well-trained and highly skilled TA staff proficient in planning, Beyond Waste priorities, and local issues and opportunities.	Ecology staff (planners, grant officers, Beyond Waste leads and others) continue to improve their knowledge and abilities to provide technical planning assistance to local governments. One goal of this on-going effort is a holistic planning approach to help local governments use their local waste plans to implement appropriate programs for their jurisdictions.	MRW, ORG, GB SW Issues in general.
	SW 4: Collaborate with local government	SW D: Incentives are built into the Coordinated Prevention Grant (CPG) program to leverage implementation of the Beyond Waste vision.	Grant officers will encourage the use of grants to provide programs to further the Beyond Waste vision. This is an ongoing effort, though the current economic downturn may reduce grant funding opportunities for the near-term. Partners include local governments and legislative support.	MRW, ORG, GB SW Issues in general.
	SW 5: Ensure responsibilities are clear	SW E: Solid waste laws and regulations are being updated to support the Beyond Waste Vision.	Review and propose revisions to solid waste laws and regulations. RCW 70.95 has been identified as a key law for revision and will likely occupy efforts in this area for the next few years. Partners are Ecology staff, stakeholders and legislators.	IND 8/ MRW 1 IND 13 MRW 4 MRW 6 MRW8 ORG 5 GB 2 (GBC) HW 7

Industries Initiative Implementation Summary

- Main focus will be on chemicals of concern and safer alternatives
- First sector will be safer alternatives to toxic metals
- Align existing work (EPP, P2, education, etc) around metals
- Continue work with regulated industry



MRW Initiative

Implementation Summary

- Increase focus on prevention
- Work on Children's Safe Products Act list
- Come up with regional approach to MRW management via study of existing research
- Determine any needed legislative changes
- Increase EPP as per the Climate Action Team recommendation



Organics Initiative Implementation Summary

- Increase support for bioenergy and biofuels project development
- More resources on addressing statutory and regulatory barriers, increasing incentives
- New focus on prevention - food rescue



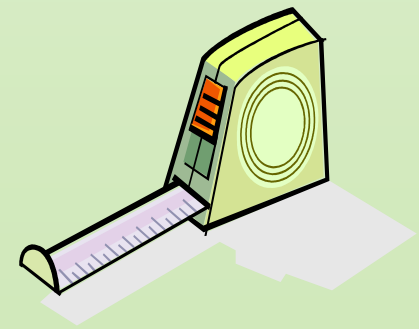
Green Building Initiative

- Expand green building work-force by developing educational programs in trade schools and community colleges.
- Collaborate with others to expand adoption of Low Impact Development (LID) practices.
- Support emerging markets for salvaged building materials.
- Work toward expanding C&D recycling infrastructure.



Measuring Progress Initiative Implementation Summary

- Evaluate and improve existing indicators
- Work to develop goals for indicators
- Create and implement communications plan for Progress Report
- Update and enhance the Consumer Environmental Index (CEI)



Hazardous Waste Issues Implementation Summary

- Focus on reducing toxic metals and energy savings in Pollution Prevention (P2) plans
- Increase the capacity of compliance staff
- Continue to implement the EPA grant on Environment Results and Envirostars programs
- Work to meet EPA's 2020 clean up deadline for corrective action sites



Solid Waste Issues Implementation Summary



- Continue focus on:
 - Local planning: with a more comprehensive approach
 - Financing: use staff and other resources as available
 - Landfill / waste facility monitoring
- Put more resources into:
 - Technical nutrient cycle: New Materials Management group to work on this
 - Education: evaluate needs and opportunities
 - Closed & abandoned landfills: Provide some Ecology support and assistance

Plan Update Timeline & Next Steps

- June: Detailed review by HW & SW management reps
- July: Editing and plain talked
- **Late July- mid-August:**
 - **Implementation Plan review by SWAC: Draft sent out by end of week for review; comments due by August 14.**
 - Final review by program managers, staff, public information officer
- August: Final Program Management discussion & approval
- **Sept: Final SWAC discussion & approval...?**
 - **Total Beyond Waste Plan Summary sent out by Sept 1 for review and discussion at September 15 SWAC meeting.**
- Oct-Nov: SEPA, formatting, web revision
- Dec: Done!



Questions?

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Thank you!