

Beyond Waste IWG

Jody Snyder

Pierce County Recycling,
Composting and Disposal, LLC

June 2008

CAT to IWG

- The purpose of this discussion is to provide a brief description of the Climate Action Team (CAT) and the progress made to date for the Implementation Work Group (IWG) for Beyond Waste

Climate Action Team CAT

Purpose: Develop recommendations for achieving the goals laid out in the Executive Order 07-02

- Reduce Climate Pollution
 - By 2020, emissions reduced to 1990 levels
 - By 2035, reduced by another 25%
 - By 2050, 50% below 1990 levels
- Growing the Clean Energy Economy
 - 25,000 jobs in this sector by 2020
- Moving Toward Energy Independence
 - Reduce amount spent on imported fuel by 20% by 2020

Technical Work Groups TWG

- **Agriculture / Waste** - biofuels, waste reduction, recycling, and energy recovery, solid waste management
- **Energy Supply** - heat and power generation, electrical generation, transmission
- **Forestry** – forest restoration, sustainable forest management, wood energy and sequestration
- **Residential, Commercial and Industrial** – energy efficiency and conservation, industrial process, “customer side of the meter
- **Transportation** – including vehicle efficiency, alternative fuels and demand reduction programs

AW-3 option

- Significantly Expand Source Reduction, Reuse, Recycling and Composting

Beyond Waste Implementation Working Group (IWG) Draft Scope of Work

Goal

- Significantly expand source reduction, reuse, recycling and composting
- Build on what is best and most successful in the current waste management system
- Develop an environmentally and economically sustainable implementation plan
- Target products and organic materials with the largest GHG reduction potential.
- This action was identified by CAT/TWG as AW-3

SOW cont.

- By recycling metals, paper, plastics and glass,
- By reducing the use of virgin materials and fossil energy in product manufacturing, and
- By reducing landfill gas emissions

Significant reductions in GHG generation can be made.

SOW Goal cont.

- Not likely nor realistic to assume that all materials will be recycled
 - ◆ Due to issues such as contamination, composites, sham recycling, entropy
- Potentially recycle up to **80%** of all consumer related waste materials generated within Washington State by 2020.
- Recycling, reuse and source reduction create local businesses, local products, and green collar jobs, and can increase bioenergy potential.

Tasks

Build on existing source separation strategies and the Beyond Waste Plan implementation approaches.

- 1 Optimize the collection and processing infrastructure needed to more effectively capture recyclable materials with the highest carbon footprint generated from industrial, commercial, agricultural and residential sources;

Tasks 2-4

- 2 Expand, recruit or develop in-state businesses that use recyclable materials in their manufacturing processes (including investment, financing and incentives);
- 3 Remove organics from the disposal stream so that they can be beneficially used for healthy soils, bioenergy production and new products;
- 4 Create product stewardship framework legislation applicable to consumer products focusing on the full product life-cycle including cradle-to-cradle design, material and energy content, manufacturing and end of life recycling/reuse;

Tasks 5-7

5. Expand byproduct synergy, zero waste business practices, design for the environment and other emerging commercial activities;
6. Review implementation of existing environmentally preferred purchasing policies and recommended new environmentally preferred purchasing policies to be used by state and local government entities, that will result in reduced GHG generation; and
7. Support and expand consumer product reuse and related business activities.

Recommendations

- Recommendations will be accompanied by a clear sense of what will be needed for implementation. For example, AW-3 states that a disposal ban requires a plan. If the group considers disposal bans or restrictions it also must consider and recommend how and when the infrastructure needed to manage the banned or restricted materials would be put in place.

IWG Member list

- UW
- Washington State Recycling Association
- CleanScape
- Weyerhaeuser
- Washington Citizens for Resource Conservation
- City of Spokane
- Grays Harbor Paper
- Yakima Waste Systems
- Waste Management
- Cascadia Consulting Group
- CTED
- Northwest Product Stewardship Council
- Sanitary Service Company – Bellingham
- Washington Organic Recycling Council

IWG Member List cont.

- ⑩ Swanson Bark and Topsoils
- ⑩ Cedar Grove Compost
- ⑩ Recovery 1, Inc.
- ⑩ Environmental Credit Corp
- ⑩ Nucor Steel
- ⑩ Goodwill
- ⑩ ReSources/ReStore in Whatcom County
- ⑩ Dougherty Group
- ⑩ Assoc of Washington Cities
- ⑩ Seattle Public Utilities
- ⑩ King County representative

C0-Leads

- Sejo Jackson, Snohomish County
- Jay Shepard, Department of Ecology
- Jody Snyder, Pierce County Recycling, Composting and Disposal LLC

Next Steps

First meeting June 16, 2008.

Probable dates for future meetings

- July 9
- July 23
- August 6
- August 26
- September 11