

Organics Management to Reduce Methane and Combat Climate Change Workgroup

Meeting #7
October 21, 2021



Housekeeping

- Please mute your lines if not speaking
- If you are having technical difficulties, chat Sam Kwok
- Presentation portion of today's meeting is being recorded
- All our presenters will present and then we will have time for Q&A
- Please raise your hand by clicking on the “participants” button and clicking on the hand by your name if you have a question
 - I will call on people
- You can also put questions in the chat at anytime and we will answer them during the Q&A portion

Meeting #7 Agenda

Welcome and Agenda Overview

Recruit a few people to help write policy in subcommittee (to then bring back to the bigger group)

Continue **Topic #4 Policy Discussion: Energy Generation/Credits/Carbon Sequestration/Nutrient Recovery/Incentives/Equity**

Policy 1: Adding Incentives to Procurement for Using Recycled Organics Products

- Workgroup Member Input: Strengths & Concerns/Issues, followed by Observer Input

Policy 2: Providing funding for equipment

- Workgroup Member Input: Strengths & Concerns/Issues, followed by Observer Input

Policy 3: Create target for carbon sequestration and certification for organics byproducts

- Workgroup Member Input: Strengths & Concerns/Issues, followed by Observer Input

Policy 4: In Climate Commitment Act (SB 5126) include local government and district funding for technical assistance and education under Climate Commitment Account.

- Workgroup Member Input: Strengths & Concerns/Issues, followed by Observer Input

Presentations: Topic #5 Background: Permitting/Air/Water/Odors/Monitoring

- **Chris Seney, Director, Organics Operations for Republic Services**
 - Q&A (Workgroup Members & Observers)
- **Tim Trohimovich, Futurewise (re zoning regulations)**
 - Q&A (Workgroup Members & Observers)
- **Pierce Louis, Dirt Hugger**
 - Q&A (Workgroup Members & Observers)
- **Tom Jobson, WSU (re air emission study)**
 - Q&A (Workgroup Members & Observers)

Next Steps and Adjourn

Work Group Structure and Role

Purpose: Improve organics management system in Washington in order to reduce methane and combat climate change.

Role: Using California SB1383 Law as a starting point, gather stakeholder input to inform policy tailored for Washington.

Work Group Structure

- Made up of a diverse set of stakeholder organizations
- Each organization gets one seat at the table
- Others can join as observers (there will be a spot on each agenda for observers to comment or ask a question)
- Two meetings per month through end of year
- Meeting content will include:
 - Presentations of background info
 - Discussion of topics included in possible legislation:
 - If there is agreement on a topic, that will be noted
 - If there is not agreement, issues/concerns will be identified
- Copies of information from each meeting will be posted at: organicsworkgroup.org/

Agenda Committee

- Local Gov't: Andy Smith
- Environmental: Heather Trim
- Waste Management: Brad Lovaas
- Composter: Majken Ryherd
- Any other interested sectors?

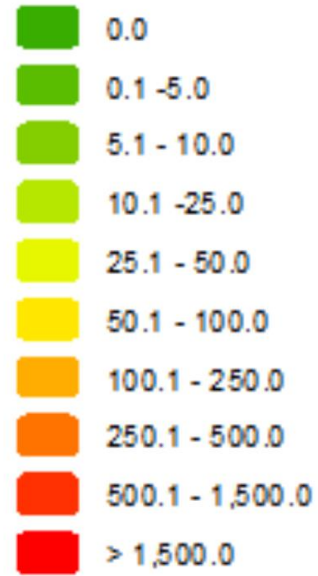
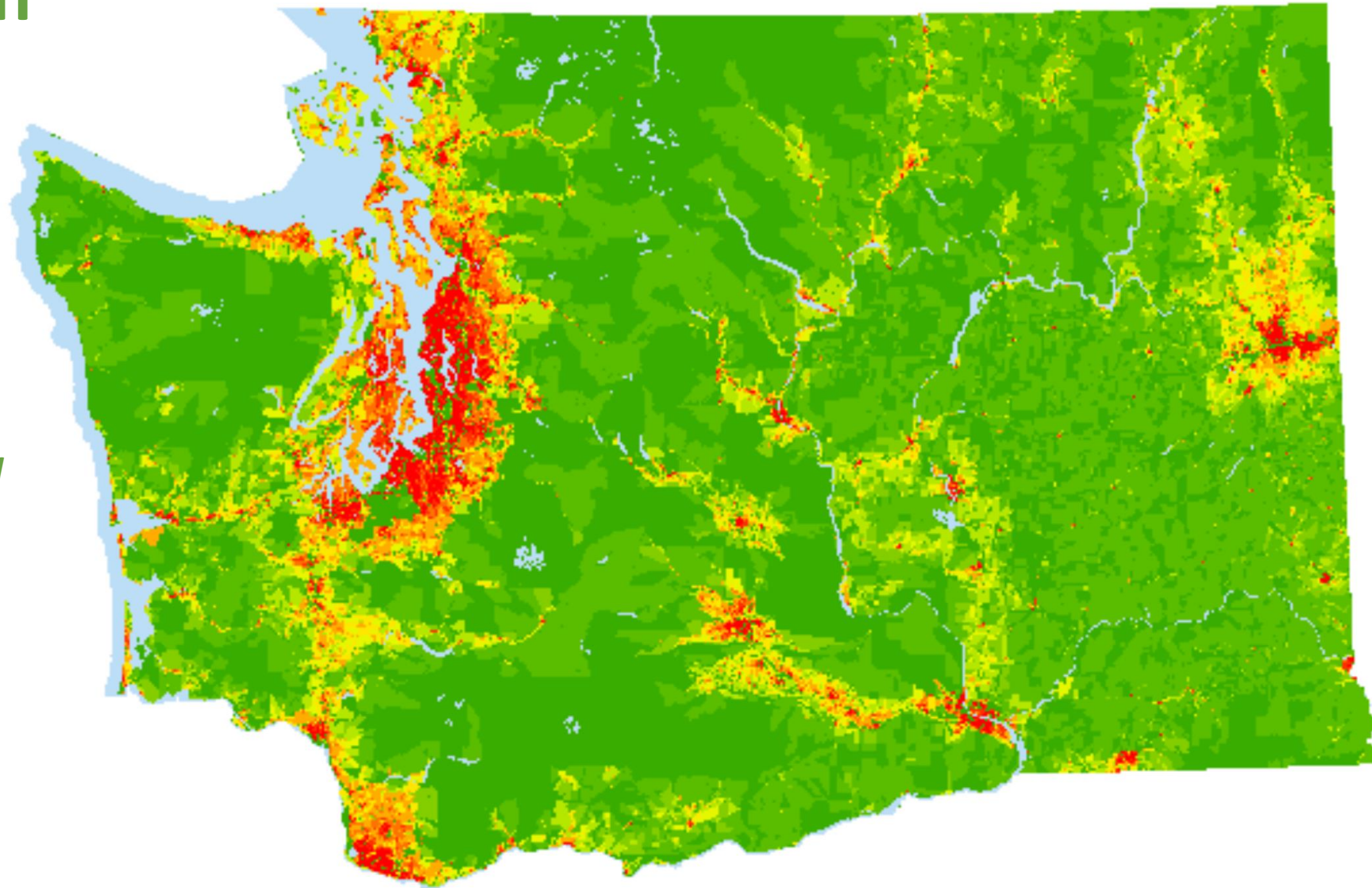
Topics (revised per agenda committee input)

1. Food waste source reduction/diversion/rescue/rescue groups (8/5 & 8/19)
2. Sources (Yard/Food/Wood/Dairies/Ag) & Sectors (Business/Commercial/Industrial sources/Multi-family/single family) (8/19 & 9/16)
3. Financials/end-markets/purchasing, Soil health/ nitrogen cycling, Regenerative agriculture (9/16 & 10/7)
4. Energy generation/Credits/Carbon sequestration/Nutrient recovery/Incentives Equity (10/7 & 10/21)
5. Permitting/Air/Water/Odors/Monitoring (include siting and current facilities) (10/21 & 11/4)
6. Education/Generator behavior change/Source reduction/Technical assistance/Contamination/Labeling (11/4 & 11/18)
9. Local governments/UTC (funding, financing, collection, rates, etc., collection approaches, embedded rates; disposal rates/tipping fees; Infrastructure/New technologies, Geographic issues/Apple maggot/Localized/Rail (11/18 & 12/2)
10. Targets/Performance standards and reporting (12/2)
11. Legislation (12/16 & 1/6)

Topic #4 Policy Discussion

Washington population density by census block: 2010:

*WA Office of Financial
Management*



Policy 1. Adding Incentives to Procurement for Using Recycled Organics Products

- Economic incentives for farmers to use organics (to pay for material purchase, transport and application), beyond grants.
- Economic incentives for mines and other disturbed lands to use organics for reclamation projects.

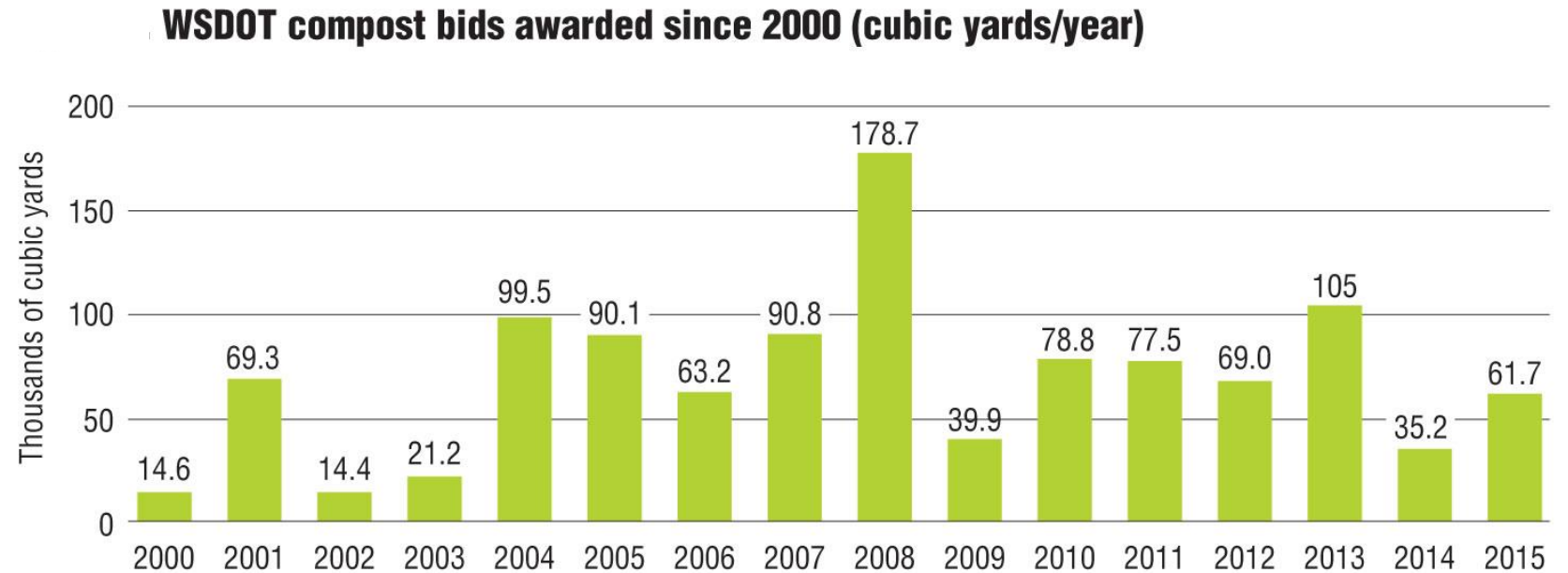


Storke Yard at Climax in 2008 (left) and in 2012 after revegetation activities that included using compost produced at the site's award-winning Biosolids Composting Operation. These activities were part of a larger project to restore the Arkansas River channel and habitat at Storke Yard, both of which had been impacted by historic mining activities.

Address barriers to WSDOT increased use compost



Highway slope stabilization research in Washington State evaluated compost's performance for erosion control and vegetation establishment (with compost (top) and no compost (below))



Input: Policy 1 – Adding Incentives to Procurement for Using Recycled Organics Products

Strengths/Concerns/Issues/Questions

Policy 2. Providing funding for equipment

- Make spreading equipment readily available to farmers through equipment share and financial assistance, including through NRCS, WSDA, etc.



Input: Policy 2 – Providing Funding for Equipment

Strengths/Concerns/Issues/Questions

Policy 3. Create target for carbon sequestration and certification for organics byproducts

- Add a target for a certain amount of use of organics in agriculture/silviculture/rangelands specifically with the goal to sequester carbon in soil.
- Create certification for specific uses to foster adoption of byproducts, providing consumers with information about product quality and performance of, for example, digestate and biochar.

French “4 per mille” initiative signed by more than 100 nations at the 21st Conference of the Parties in Paris.

If we increase by 4 ‰ (0.4%) a year the quantity of carbon contained in soils, we can halt the annual increase in CO₂ in the atmosphere.



Input: Policy 3 – Create target for carbon sequestration and certification for organics byproducts

Strengths/Concerns/Issues/Questions

Policy 4: In Climate Commitment Act (SB 5126) include local government and district funding for technical assistance and education under Climate Commitment Account

Sec. 29. CLIMATE COMMITMENT ACCOUNT

(1) ...Moneys in the account may be spent only after appropriation.

Projects, activities, and programs eligible for funding from the account must be physically located in Washington state and include, but are not limited to, the following:

(k) Programs, activities, or projects that reduce emissions from landfills and waste-to-energy facilities through diversion of organic materials, methane capture or conversion strategies, or other means, including technical assistance and education programs implemented by local governments and districts.

Input: Policy 4 – In Climate Commitment Act (SB 5126) include local government and district funding for technical assistance and education under Climate Commitment Account.

Strengths/Concerns/Issues/Questions

Permitting/Air/Water/Odors/Monitoring Presentations