Welcome!

- Please keep your video off unless you are presenting – this will help with internet connectivity.

- We are conducting sound tests before 9:30 am, if you cannot hear us please connect your audio:

- If you have technical issues, please use the chat box and we will help you troubleshoot:

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Solid Waste Advisory Committee Meeting
July 22, 2020 | 9:30 am – Noon (Pacific time)

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9:45 am Legislative/Budget Update
10:00 am Ecology COVID Update
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11:45 am Roundtable and Future Agenda Topics
Participating in the meeting:

Please use the chat box to ask questions or make comments:

To ask the presenter questions, please chat with Julie Robertson:

For technical issues, please chat with the host:
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Recycling Development Center

Chapter 70.370 RCW
https://app.leg.wa.gov/RCW/default.aspx?cite=70.370

Corinne Drennan
Karl Englund
Kyla Fisher
Deb Geiger
Margo Gillaspy
Nina Goodrich
Sego Jackson

Advisory Board EZview website:

Allen Langdon
Scott Morgan
Mike Range
Derek Ruckman
Tim Shestek
Jay Simmons
Heather Trim
Center Update

Advisory Board Meetings
Center Goals and Metrics
Annual Work Plan
Report to the Legislature

Advisory Board EZview website:
Center Work Plan

Develop effective partnerships

- Conduct outreach
- Engage with other recycling councils
- Communicate with other jurisdictions
- Reach out to national entities
- Establish a technology partnership

Advance technology

- Provide business assistance
- Actively promote manufacturing
- Advocate for infrastructure investment
- Identify funding opportunities
- Partner on pilot projects

Research solutions

- Data analysis
- Market analysis
- Infrastructure analysis
- Policy analysis
- Other analyses
Recycling Development Center

Board EZview website


Center email list


Email Ecology’s Center team

- RecDevCenter@ECY.WA.GOV

2020 Board meetings (remote attendance)

- August – date to be determined
- October – Tuesday the 14th
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Plastics Study
Chapter 70.380 RCW

Alli Kingfisher
Scope of Work

**Task 1:**
Assess current plastic packaging management system in WA

**Task 2:**
Assess business use of recycled content in WA

**Task 3:**
Research global policy & technology options for managing packaging

**Task 4:**
Conduct stakeholder consultation

**Task 5:**
Develop recommendations to meet 2025 plastic reduction goals
<table>
<thead>
<tr>
<th>TASK</th>
<th>ACTIVITY</th>
</tr>
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| 1    | Assess current plastic packaging management system in WA  
      • Amounts & types of plastic in WA  
      • End-of-life management & contamination  
      • Costs of current system  
      • Necessary infrastructure to manage plastic packaging |
| 2    | Assess business use of recycled content in WA  
      • Use of and demand for recycled content plastic  
      • Barriers to using more recycled content |
| 3    | Research global policy & technology options for managing packaging  
      • Existing policy and technology options  
      • Costs & savings of existing stewardship programs  
      • Existing programs and databases to use in developing a program |
| 4    | Conduct stakeholder consultation  
      • Consult on research and findings  
      • Keep stakeholders informed  
      • Provide opportunities for feedback |
| 5    | Develop recommendations to meet 2025 plastic reduction goals:  
      • 100% recyclable, reusable, or compostable  
      • 20% post-consumer recycled content  
      • Reduce when possible  
      • Identify legislative options to implement by 2022 |

**WASHINGTON PLASTIC PACKAGING STUDY TIMELINE**

<table>
<thead>
<tr>
<th>TASK</th>
<th>ACTIVITY</th>
</tr>
</thead>
</table>
| 1    | Research & data gathering  
      Develop plastic packaging management flow model  
      Task 1 report published to EZView |
| 2    | Research & data gathering  
      Manufacturer & reprocessor interviews  
      Task 2 report published to EZView 6/3 |
| 3    | Research & data gathering  
      Task 3 report published to EZView 5/20 |
| 4    | Opportunities for stakeholder review & input  
      EZView for study updates & task-level reports  
      Study listserv & email inbox  
      Study voicemail  
      Task 3 report survey 5/20 – 6/15  
      Public comment thru 9/4  
      Comment on draft recs 8/17-8/26 |
| 5    | Draft recs due 8/14  
      Final recs due 9/14 |

*updated 6/23/2020*
Task 3: Research global policy & technology options for managing packaging

• Existing policy and technology options
• Costs & savings of existing stewardship programs
• Existing programs and databases to use in developing a state program
Task 2: Assess business use of recycled content in WA

- Use of and demand for recycled content plastic
- Barriers to using more recycled content
Task 2: Assess business use of recycled content in WA

**Barriers to using more recycled content**
- Lack of supply
- Cost compared to virgin resin
- Material quality
- Regulatory requirements
- Consumer perception
Task 2: Assess business use of recycled content in WA

Options for policy approaches and technological improvements

• Improving collection, sorting, and processing technology
• Increasing collection volumes and quality through policy
• Recycled content minimums and design guidelines

Other Solutions:

• Procurement requirements
• R&D and market development support
• Consumer education
• Industry initiatives
Task 1: Assess current plastic packaging management system in WA

- Amounts & types of plastic in WA
- End-of-life management & contamination
- Costs of current system
- Necessary infrastructure to fully manage plastic packaging
Task 1
Takeaways

1. Even readily recyclable plastic is under recovered
2. Service and costs vary dramatically by region
3. There is virtually no transparency about the final destination of plastics sent for "recycling"
4. Nearly all costs are borne by ratepayers
5. Many system failures are due to the disconnect between packaging designs and recycling systems
Plastics Study Bill
Implementation Status

Sign up for email updates:
http://bit.do/WAPlasticStudyEmail

Track the study:
http://bit.do/WAPlasticStudy

Questions can be directed to:
WAplasticpkgstudy@cascadiaconsulting.com
### AGENDA

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Use Food Well Washington Plan Update

Jade Monroe
Mary Harrington
July 9, 2020
Ecology mission and vision

Our mission
Protect, preserve, and enhance Washington’s environment for current and future generations.

Our vision
Our innovative partnerships sustain healthy land, air, and water in harmony with a strong economy.
Agenda

• Brief review of planning process
• Indicate next steps
• Outline the plan format and structure
• Discuss key elements of the plan design for feedback
• Questions
Plan Process (September 2019 – now)

• SME groups and Core Team collaborated from September 2019 – March 2020
• Over 30 recommendation worksheets were developed
• Pause due to COVID impacts
• Writing occurred by Ecology staff from late April – mid June
• Next steps
Next steps

• Ecology is pursuing an extension of the plan deadline with an Interim report delivered on October 1
• Asking for SME “gut check” feedback on the current draft July 31
• Economic and quantitative analysis July-August
• Reconvene Core Team and SME’s as we are able to during crisis response
• Long term (with extension) more collaboration with Core Team and SME groups and a more robust public comment period.
Use Food Well Washington Plan

• Goal 1: Reduce food waste generated by 50 percent by 2030.
• Goal 2: Prevent edible food waste disposed by 50 percent by 2030.
• Strategies: prevention, rescue, and recovery
• Current Recommendations:
  • Comprehensive (6)
  • Prevention (7)
  • Rescue (4)
  • Recovery (3)
Comprehensive Recommendations

• Development of Washington Center for Sustainable Food Management
• Sustainable state grant funding for food waste prevention, rescue, and recovery (5 funding mechanisms)
• State-wide food waste reduction campaign
• School staff sustainability stipends to support required environmental education
• Best practices for local governments
• Best practices for local health jurisdictions
Prevention Recommendations

• Federal ‘joint memorials’ on produce specifications, date labeling, and tax incentives
• Food tracking and analytics
• Increase access and funding for cold chain management
• Extended producer responsibility for packaging
• Reducing packaging and disposables in K-12 schools
• 20-minute lunch minimum in k-12 schools
• Recess before lunch in K-12 schools
Rescue Recommendations

• Mapping the food system of Washington
• Donation transportation support
• Value-added food processing hubs
• Emergency food distribution protocol in K-12 schools state-wide
Recovery Recommendations

• Anaerobic digesters (ADs) at Water Resource Reclamation Facilities (WRRFs)
• Improve compost facility permit regulatory process
• Small scale food waste management systems
### Discussion: Plan goals

<table>
<thead>
<tr>
<th>Goal 1: Reduce food waste generated by 50 percent by 2030.</th>
<th>Total amount of waste generated in 2015 (tons)</th>
<th>Target amount of waste generated in 2030 (tons)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>1,158,746</td>
<td>579,374 or less</td>
</tr>
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<tr>
<th>Goal 2: Prevent 50 percent of edible food waste disposed by 2030.</th>
<th>Total amount of edible food waste disposed in 2015 (tons)</th>
<th>Target amount of edible food waste disposed in 2030 (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>390,063</td>
<td>195,032 or less</td>
</tr>
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</table>
Discussion: strategy icon formatting

Strategy 1: Prevention
Strategy 2: Rescue
Strategy 3: Recovery
Feedback & Synthesis

• What we heard today from you
• “Gut check” SME review of plan – due July 31
• Ecology will keep you in the loop on future reviews, economic analysis, and timeline updates
Thank you for your time!

Any questions?

ecology.wa.gov
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TIME FOR A STATE PLAN UPDATE

State Solid Waste Advisory Committee
07-22-20

Janine Bogar, WA Dept. of Ecology
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.
Plan History

■ 2004: First Beyond Waste Plan
  – *Combined Solid and Hazardous Waste Plan*
  – *Five initiatives plus current issues*

■ 2009: First Beyond Waste Plan Update
  – *Minor changes only*

■ 2015: Second update – Big changes
  – *Input from partners before drafting changes*
  – *Changed structure, format, initiatives, content*
  – *Materials Management focus*
Plan Structure

- Managing Hazardous Waste & Materials
  - Pollution Prevention
  - Compliance and Compliance Assistance
  - Permitting & Corrective Action
  - Small Volume Hazardous Materials & Wastes (MRW)

- Managing Solid Waste and Materials
  - Solid Waste System Issues
  - Solid Waste Materials & Infrastructure
  - Organic Materials & Infrastructure

- Reducing Impacts of Materials & Products

- Measuring Progress

- Providing Outreach & Information
Update Process

First Draft

Partner Input on First Draft

Second Draft

Partner Input on Second Draft

Final Plan Update Complete!
Summary of Key Changes

- Reflect new laws
- Adjust for other changes
- Streamline
- Stay in our lane
New Laws in Plan Update

- CROPs
- Recycling
  Development Center
- Plastics
- Food Waste
- Safer Products Law
Other Change and Adjustments

- Recycling markets
- Life Cycle Analysis
- Organics / Composting
- New waste technologies
- EPP (Environmentally Preferred Purchasing)
Streamlining and Staying in Our Lane

- Actions: more specific to Ecology work
- Goals: broad for all
- Less is more

- 2015 Plan:
  - 53 Goals; 176 Actions

- 2020 Draft Plan:
  - ~43 Goals; ~136 Actions
Other Changes

- Reflect work done and progress made
- Environmental justice focus
Comment Process

- Notice will go out to listserv when comment period opens
  - Will allow 2-4 weeks for comments
- E-comment form
- Can also send comments to staff
- First draft comments will inform Second draft
Contact Information

- **Solid Waste Management Program:**
  Janine Bogar, 360-407-6654
  janine.bogar@ecy.wa.gov

- **Hazardous Waste & Toxics Reduction Program:**
  Amy Correa 360-407-7160
  amy.correa@ecy.wa.gov
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Public Comments:

*We want to hear from you!*

If you would like to provide comment, **please write your name in a chat to Julie Robertson** and we will add you to the list.

We will unmute you to speak in the order that we see names in the chat.

You may also **write your comment in the chat** and we will read it for you.

Please keep your comment to **under 2 minutes**.
Next meeting:
September 16, 2020
9:30 am

Send questions or future agenda topics:
Julie.Robertson@ecy.wa.gov

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