



Agenda

Solid Waste Advisory Committee

September 15, 2021 | 9:30 am – 11:55 am

Call to Order & WebEx Meeting Instructions

9:30 a.m. | 5 minutes | Troy Lautenbach (Chair) and Laurie Davies

Chair & Vice-Chair Nominations

9:35 a.m. | 5 minutes | Troy Lautenbach (Chair) and Laurie Davies

Legislative Update – 5022 & Organics Workgroup

9:40 a.m. | 30 minutes | Alli Kingfisher and Heather Trim

State Plan Update

10:10 a.m. | 30 minutes | Janine Bogar

Use Food Well Washington Plan Update

10:40 a.m. | 20 minutes | Jade Monroe

Grants Update – LSWFA, PPG, WRRED, SB 5040 Welcome to Washington Act

11:00 a.m. | 30 minutes | Tami Ramsey, Faith Wimberley, Kelsey Dunne, & Steven Williams

Bag Ban & Optional Serviceware

11:30 a.m. | 15 minutes | Shannon Jones

Member Updates

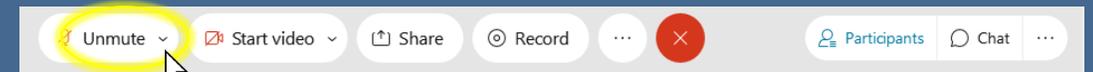
11:45 a.m. | 10 minutes

Adjourn

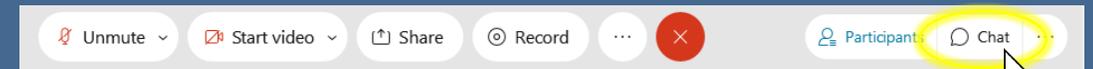
11:55 a.m.

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:

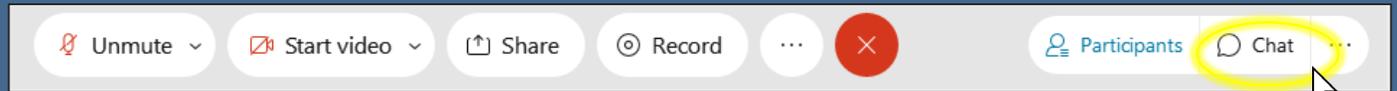


Participating in this meeting:



Lacy Kooiman

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



To ask the presenter questions,
please chat with All Attendees:

To:

Enter chat message here

For **technical issues**, please chat
with the host:

To:

Enter chat message here



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Troy Lautenbach



Laurie Davies



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Alli Kingfisher



Heather Trim





DEPARTMENT OF
ECOLOGY
State of Washington

70A.245 ~~5022~~: Plastic Implementation

Alli Kingfisher

Solid Waste Management Program

Stakeholder Advisory Committee

- August – December 2021
- Ross Strategic
- Scope: Recommendations for PCR in all packaging in the municipal waste stream and not included in 5022
- Meetings every 2 weeks

Stakeholder Advisory Committee

- <https://www.plastic-packaging-advisory-process.com/>
- PlasticPackaging@RossStrategic.com

Plastic Postconsumer Recycled Content

- Hiring staff
- Producer identification & registration
- Rulemaking
- LISTSERV.ECOLOGY.WA.GOV
 - Plastic-Packaging





Questions?

General and Recycled Content

Alli.Kingfisher@ecy.wa.gov

Stakeholder Advisory Committee

PlasticPackaging@RossStrategic.com

On-Request Serviceware

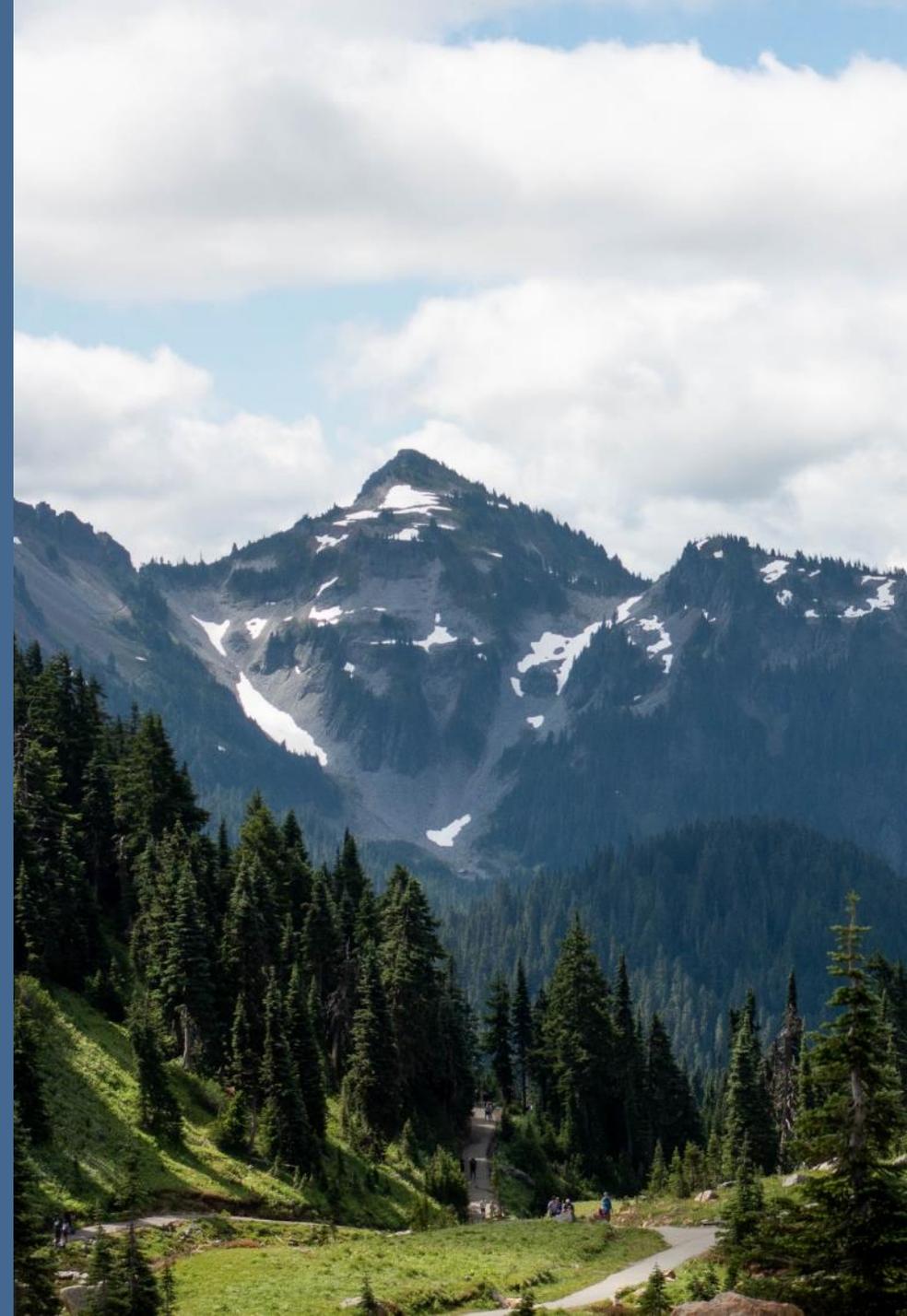
Shannon.Jones@ecy.wa.gov

Expanded Polystyrene Ban

Heather.Church@ecy.wa.gov



Organics Workgroup





Organics/Methane bill for WA

Ecology SWAC Meeting

Heather Trim

Zero Waste Washington

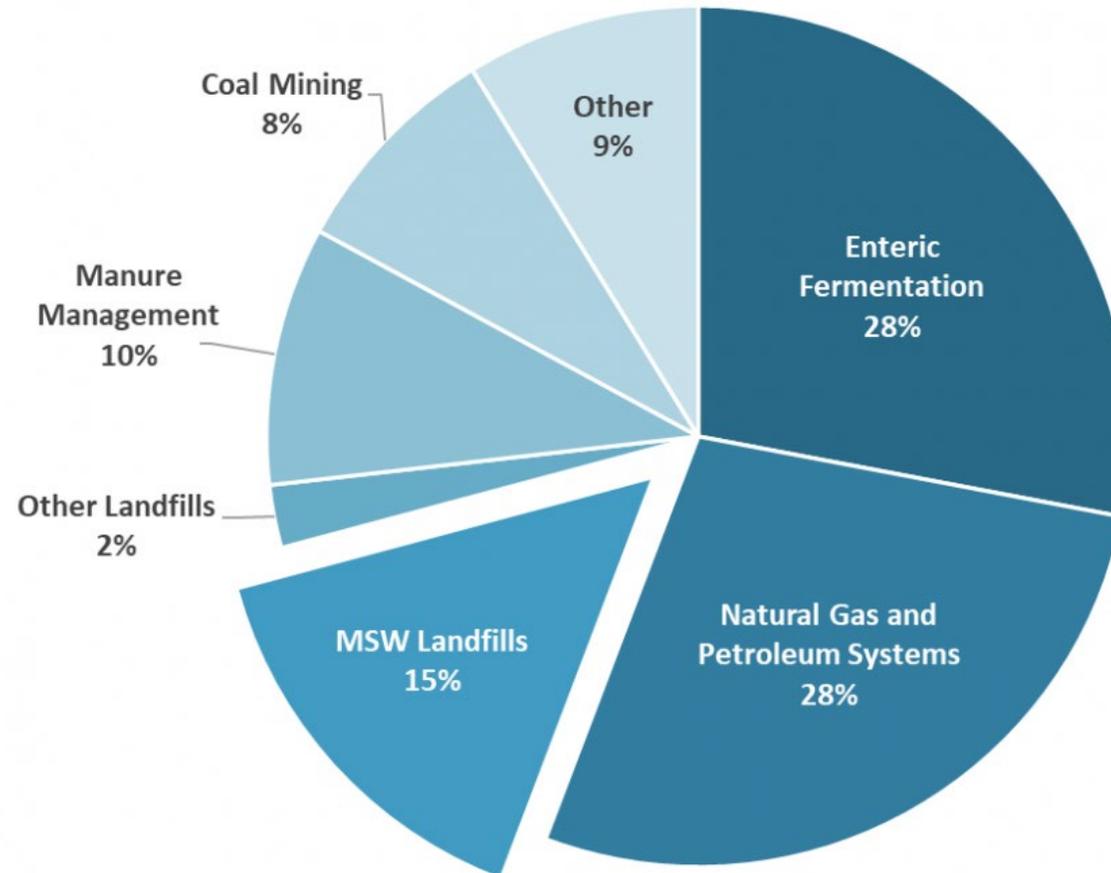
September 15, 2021

The challenge



Municipal solid waste landfills are the 3rd-largest source of human-related methane emissions in the US (EPA 2018)

2018 U.S. Methane Emissions, By Source



Note: All emission estimates from the *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2018*. U.S. EPA. 2020.

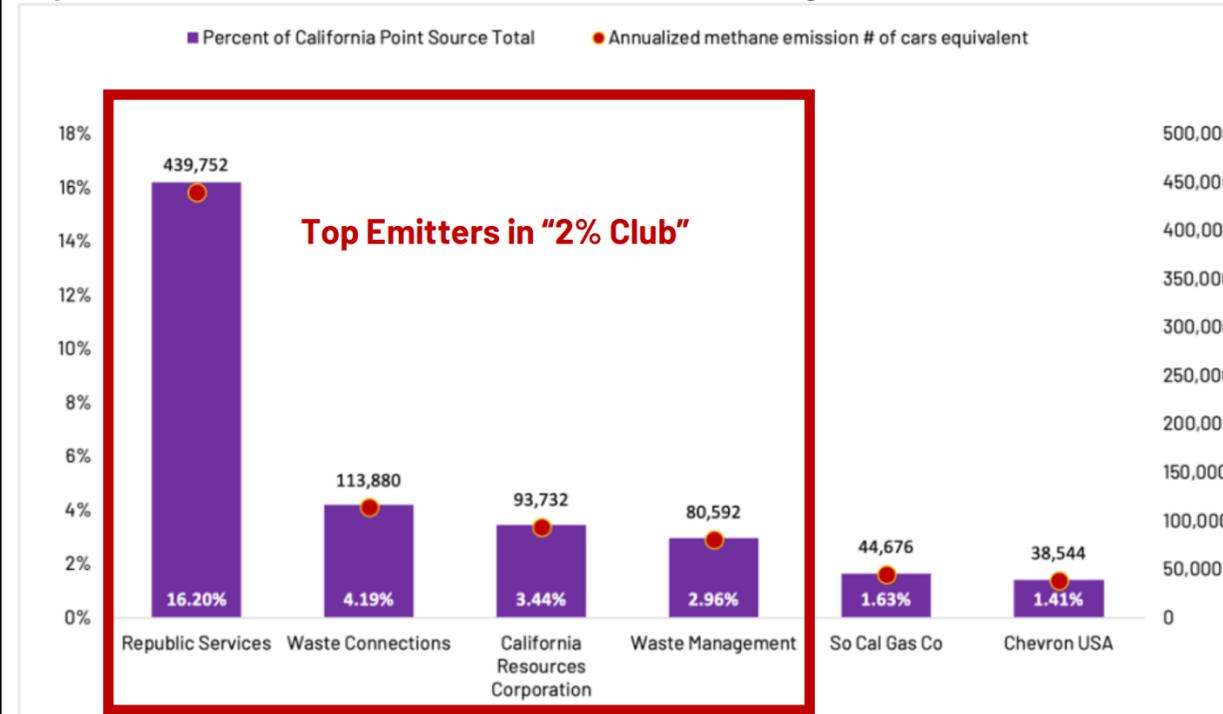
Industry's 3 largest landfill operators among California's biggest methane emitters: report

NASA data shows Republic Services, Waste Connections and Waste Management among the state's "super-emitters."

Published Jan. 23, 2020

E.A. Crunden
@eacrunden

These 4 companies each represented >2% of all methane from individual sites in California: Republic Services, Waste Connections, CRC, Waste Management



Source: Data analysis based on "California's Methane Super-emitters," *Nature*. Nov. 2019. [Supplementary Tables 4 & 5](#)

Halting the Vast Release of Methane Is Critical for Climate, U.N. Says

A major United Nations report will declare that slashing emissions of methane, the main component of natural gas, is far more vital than previously thought.



2020-2021 Washington Statewide Waste Characterization Study



2020-2021 WASHINGTON STATEWIDE

Waste Characterization Study

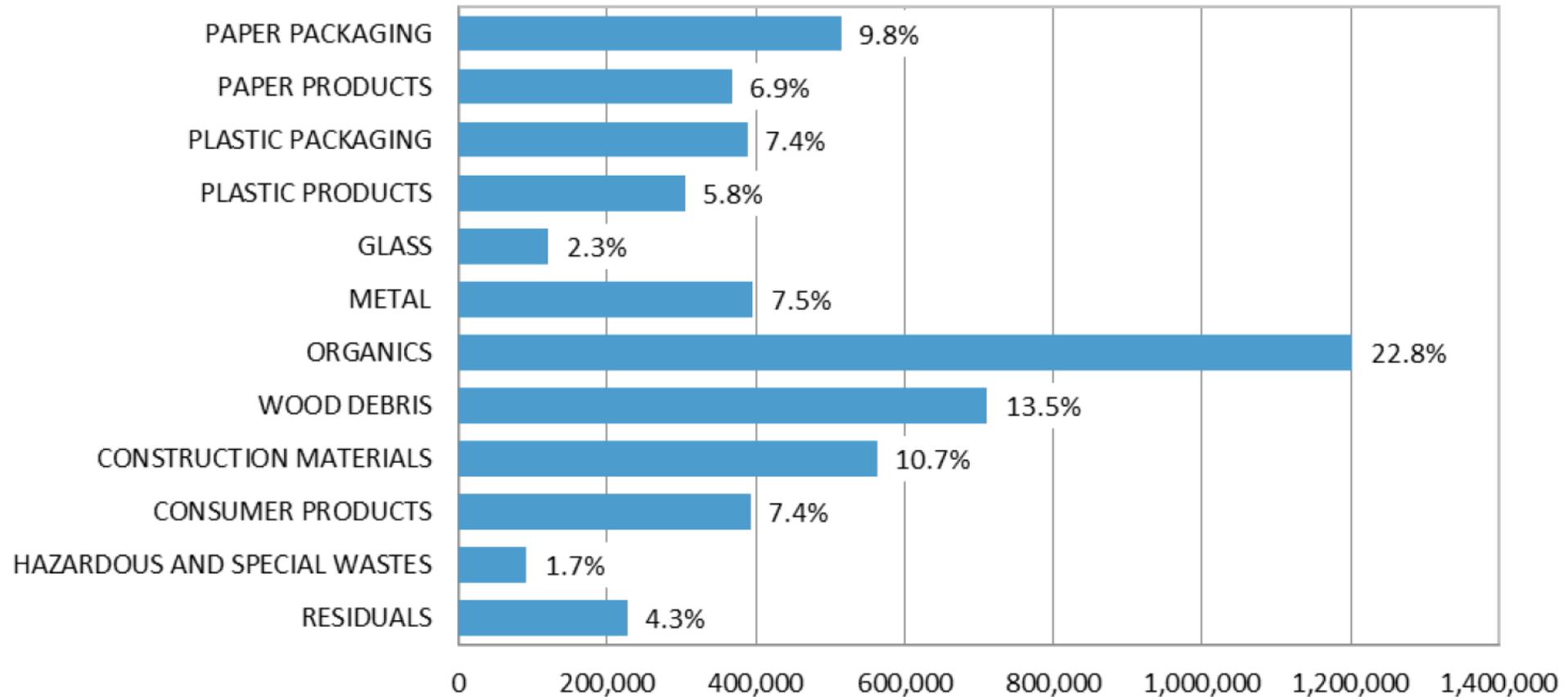
State of Washington Department of Ecology

Publication 21-07-026

Published August 2021



Overall Statewide Disposed Waste Stream Composition by Material Class (annual tons)



Overall Statewide Disposed Waste Stream 15 Most Prevalent Material Types

Material	Est. Percent	Est. Tons
Edible Food Waste- Vegetative	6.4%	336,564
Cardboard & Kraft Packaging	5.2%	276,196
Painted Wood	4.8%	253,958
Inedible Food Waste- Vegetative	4.8%	250,860
Animal Manure	4.8%	250,763
Compostable Paper Products	3.4%	180,366
Other Ferrous Metal	3.3%	174,364
Drywall	3.2%	167,785
R/C Metal	2.6%	139,654
Yard/Garden Waste- Leaves and Grass	2.5%	132,218
Packaging Film Plastic	2.4%	123,992
Engineered Wood	2.1%	112,899
Edible Food Waste- Meats/Fats/Oils	2.1%	109,571
Compostable Paper Packaging	2.0%	107,175
Bulky Rigid Plastic Products	1.9%	98,194
Inedible Food Waste- Meats/Fats/Oils	.5%	23,932

Percentages for material types may not total 100% due to rounding.

Overall Statewide Disposed Waste Stream 15 Most Prevalent Material Types

Material	Est. Percent	Est. Tons
----------	--------------	-----------

Edible Food Waste- Vegetative	6.4%	336,564
-------------------------------	------	---------

Edible food = 8.5%
Inedible food = 5.3%
TOTAL: 13.8%

Bulky Rigid Plastic Products	1.9%	98,194
------------------------------	------	--------

Inedible Food Waste- Meats/Fats/Oils	.5%	23,932
--------------------------------------	-----	--------

Percentages for material types may not total 100% due to rounding.

Reduction strategy

1. **Reduce** organic waste (food) at the source
2. Make sure **excess edible food** → food rescue
3. Remaining **inedible food, green waste and other organic waste** →
 - Animal feed
 - Biogas and other technologies
 - Compost



Reducing the wasting of food in order to fight hunger and reduce environmental impacts

(HB1114 Doglio, 2019)



- Set goal for WA to reduce by 50% the amount of food waste generated annually by 2030, relative to 2015 levels.
- Requires Ecology to develop and adopt a state wasted food reduction and food waste diversion plan designed to achieve the goal.

Ecology Report



Use Food Well Washington Plan

A roadmap to a more resilient food system
Draft Copy

Solid Waste Management Program

Washington State Department of Ecology

Headquarters

Olympia, Washington

August 2021, Publication 21-07-027



New Report



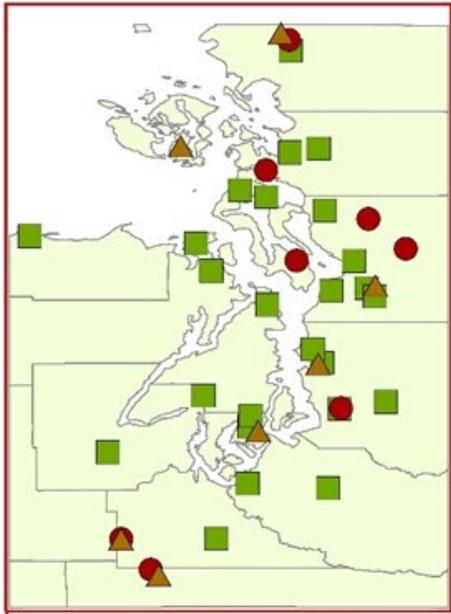
Improving Organic Materials Management in Washington State

An Assessment of the Barriers and Needs of Organic Waste
Management Facilities in Washington State

Zero Waste Washington

May 2021

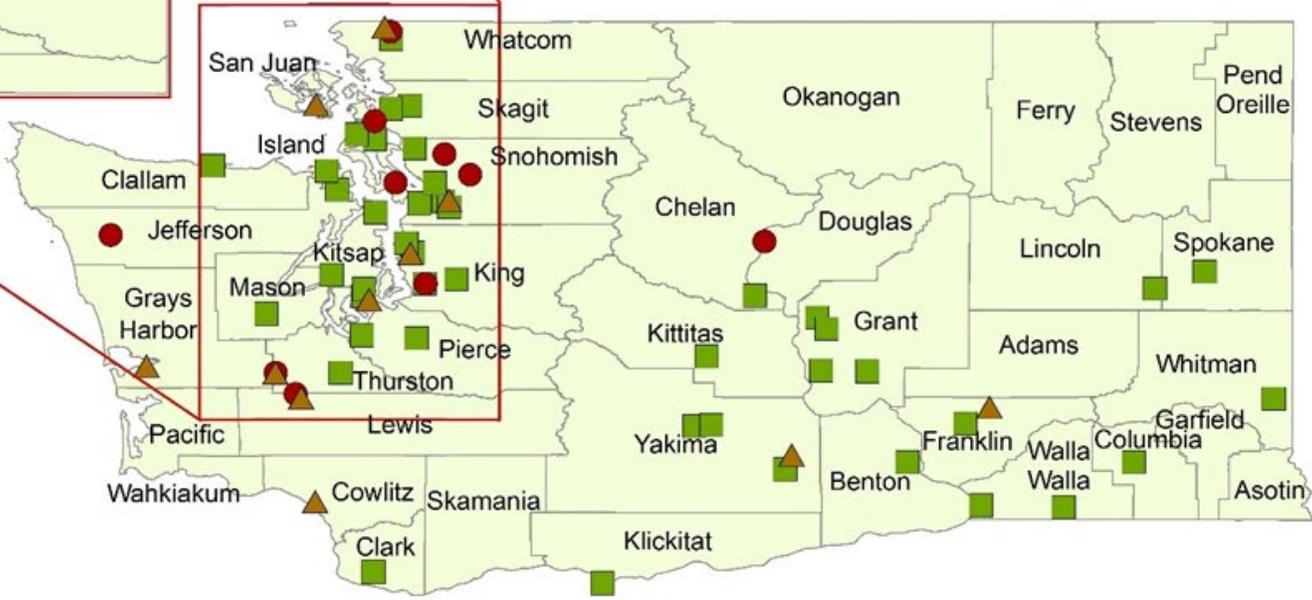


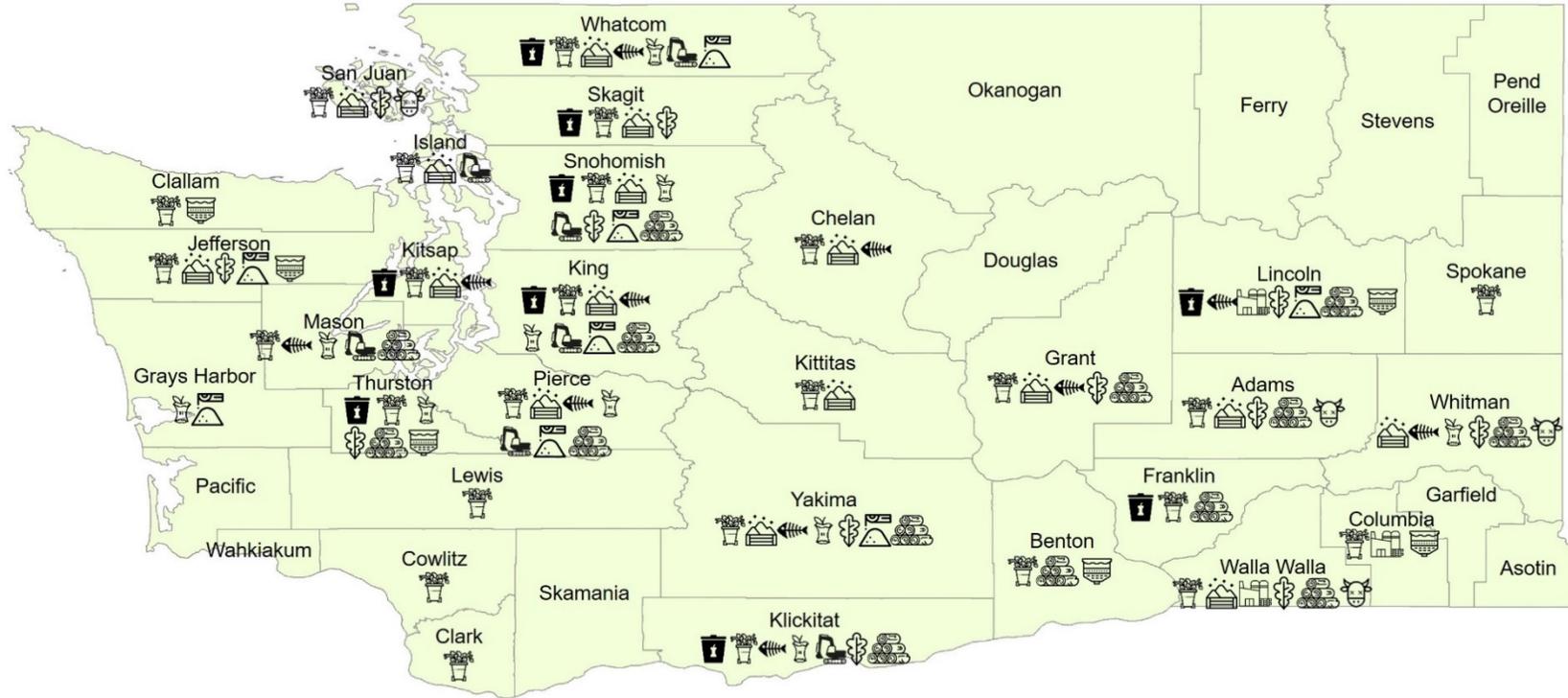


Legend

Facility Type

●	Biosolids Management	■	Compost Facility
		▲	Compost Facility (Exempt)





	Agriculture Organics (Vegetative)		Industrial Organics		Sawdust / Shavings
	Biosolids, Dry		Landclearing Debris		Wood Waste
	Food Processing Waste (Pre-Consumer)		Manure and Bedding		Mixed Yard Debris/Food Waste
	Food Waste (Post-Consumer)		Mortalities and Animal Parts		Yard Debris

Barriers

- Logistics challenges
- Financial burden and risks impacting business models
- Regulatory challenges
- Operational issues
- Physical contamination/Chemical contamination
- Moderate to weak demand and end-markets
- Capacity and knowledge gaps
- Competition and coordination



Clopyralid



Lack of procurement requirements



Policy Road Map

37

Capacity & Markets Expansion

- Connect RNG facilities to pipelines & e-grid
- Fund pilot strategies, such as co-digestion
 - Expand markets for organics products
 - Incentivize anaerobic digestion
 - Foster community-based composting



Performance Improvement

- Industrial symbiosis: Use excess steam for apple maggot
- Increase (training) requirements
- Update the state's manual



Systemic Changes

- Price GHG emissions
- Foster biogas markets
- Ban organics in landfills
- Ban clopyralid and other herbicides
- Expand renewable portfolio
- Increase landfill tipping fees



Standards Improvement

- Update toxics list
- Set standards for digestate application
- Make spreading equipment available
- Require compostable foodservice products to be distinguishable



Collaboration Improvement

- Establish policy working group
- Require education in contracts
 - Define compostable products
 - Improve data



Innovation Support

- Create an innovation center
- Incentivize anaerobic digestion projects
- Encourage new technologies
- Fund facilities that manage food waste
- Fund purchase of products



Permitting Revision

- Coordinate permits
- Establish VOC emissions testing standards
 - Increase funding for training & monitoring
 - Define standard odor measurement methods
 - Proactively define zoning for organics facilities
- Focus compliance on key performance indicators



Contractual Processes Improvement

- Standardize government contracts
- Set bid preferences for RNG for heavy duty vehicles
- Incentivize & sanction for better source separation
- Pilot Pay-As-You-Throw based on weight not volume



Landfill bans in other states

- Ban **yard waste**:
 - Arkansas, Delaware, Illinois, Indiana, Maryland, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, N Carolina, Ohio, Pennsylvania, Rhode Island, S Carolina, S Dakota, W Virgin, Wisconsin.
Partial: Florida, Georgia, Iowa, Nebraska
- Ban **food waste from all sources**:
 - Vermont
 - Maryland (Study of how to improve composting infrastructure and divert food waste)
- Ban **commercial food waste** (for large generators):
 - **California, Connecticut, Massachusetts, New York, Rhode Island, New Jersey**

Compost and Food Waste

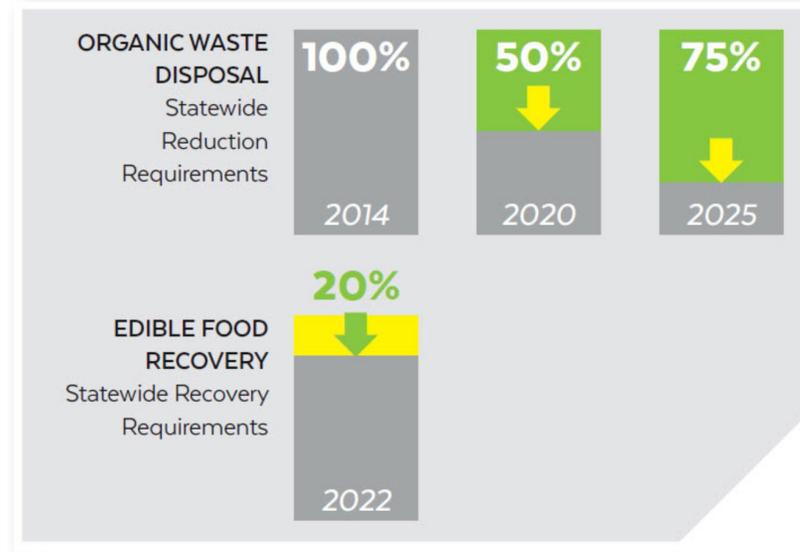
California SB 1383, September 2016

Short-Lived Climate Pollutants Reduction Act establishing methane emissions reduction targets in a statewide effort to reduce emissions of short-lived climate pollutants in various sectors of CA's economy.

Reduce below 2013 levels by 2030 :

- methane by 40%
- hydrofluorocarbon gases by 40%
- anthropogenic black carbon by 50%

Bill also addressed livestock and dairy, biomethane, and biogas





Establishing a statewide organic waste goal

SB 5286 – Sen. Mona Das



Organics Management to Reduce Methane and Combat Climate Change Workgroup

Topics (revised per agenda committee input)

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

<https://organicsworkgroup.org>

Topic #1: Food waste source reduction/ diversion/rescue/rescue groups

Subtopics for discussion today:

1. Strengthen Good Samaritan Law (#2)
2. Mandate (commercial) food scrap recycling (#8)
3. Create WA Center for Sustainable Food Management (#6) and Map food system flows (#16)

(Numbers (#) refer to recommendations in Ecology's draft *Use Food Well Washington Plan*)

Topic #2: Sectors and Sources

1. Starting **January 1, 2027**, require all jurisdictions to provide organic waste collection services to all residents and businesses and recycle organic materials using recycling facilities such as: Anaerobic digestion facilities that create biofuel and electricity and composting facilities that make soil amendments.

Thank You!



Heather Trim

Zero Waste Washington

heather@zerowastewashington.org

www.zerowastewashington.org



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Janine Bogar





Updating the State Solid and Hazardous Waste Plan

Janine Bogar - September 15, 2021

State Plan Vision

We can transition to a society where waste is viewed as inefficient, and where most wastes and toxic substances have been eliminated. This will contribute to economic, social, and environmental vitality.



Plan History

2004: Beyond Waste Plan Published

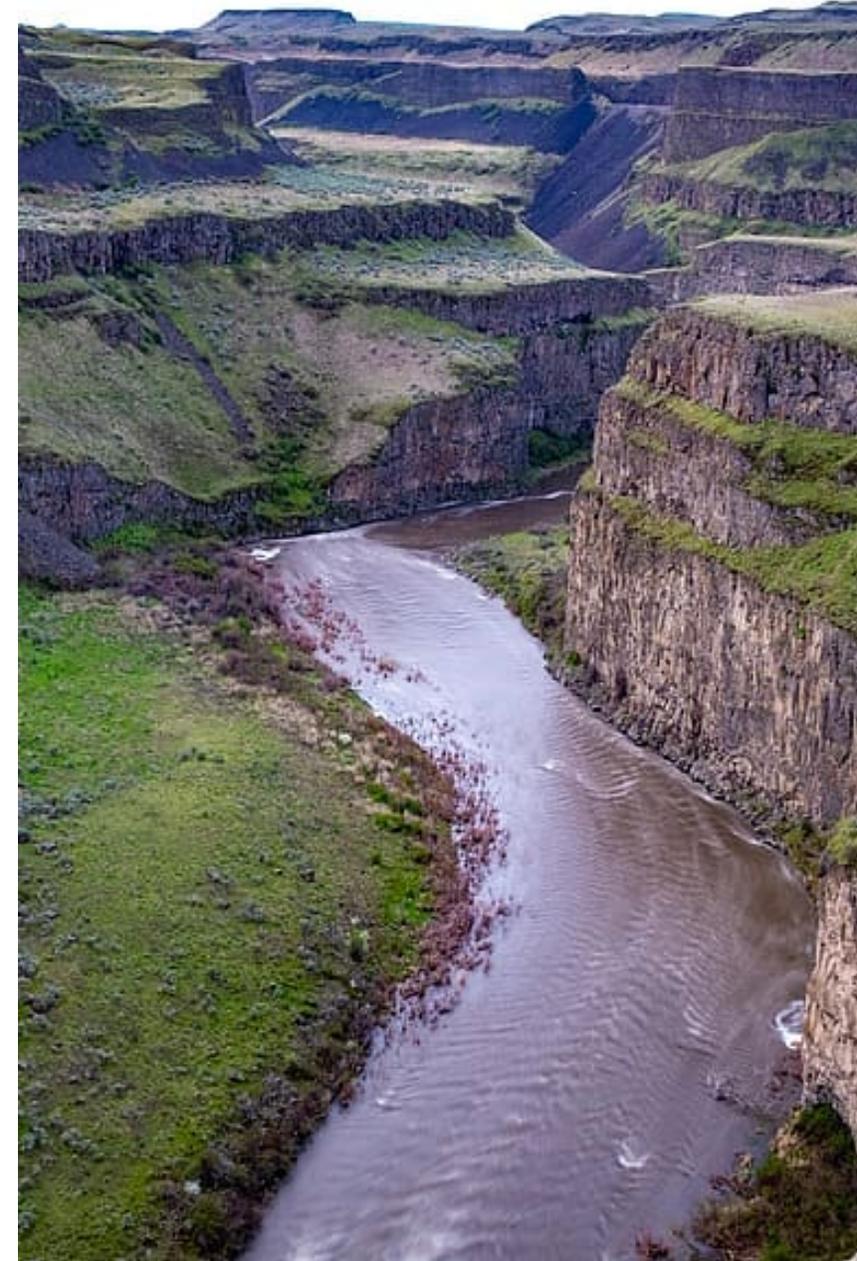
- Combined Solid and Hazardous Waste Plan

2009: First Update - Minor changes only

2015: Second update - Big changes

- Input from partners before drafting changes
- Changed structure, format, initiatives
- Materials Management focus

2021: Third update - Minor changes only



Update Process

First Draft

Partner Input on First Draft

Second Draft

Partner Input on Second Draft

Final Plan Update Complete!

 We are here

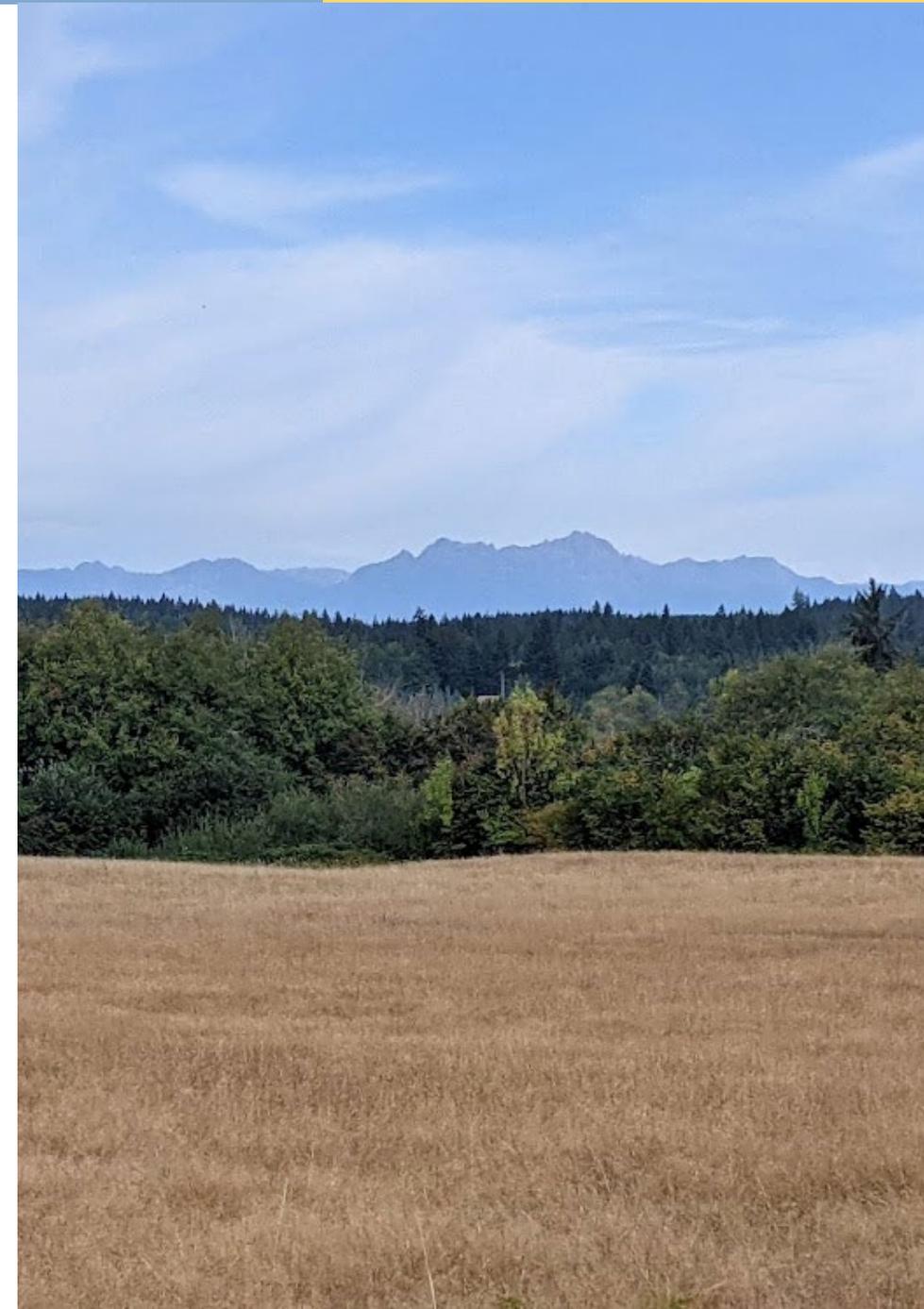
Public Comments

First draft comments 12/20 – 1/21

- Comment Summary available
- Comments informed Second draft

Second Draft Comments - Due 9/30/21

- Notified State Plan listserv and other lists; SWAC email, WSRA newsletter, lots more
- E-comment form; or can email comments
- Comments will inform Final Plan Update
- SEPA – DNS comment period also



Comments on First Draft

- Environmental Justice
- Product Stewardship and other policy approaches
- Waste reduction and reuse
- Contamination in recycling, composting
- Climate Connection
- Life Cycle Analysis
- Plastics
- More info about infrastructure, data, and funding
- Editing & clarifications
- Specify Actions for Others

Plan Structure

Framework and Foundations

Managing Hazardous Waste & Materials

- Pollution Prevention
- Compliance and Compliance Assistance
- Permitting & Corrective Action
- Small Volume Hazardous Materials & Wastes

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

THE STATE SOLID AND HAZARDOUS WASTE PLAN Moving Washington Beyond Waste and Toxics

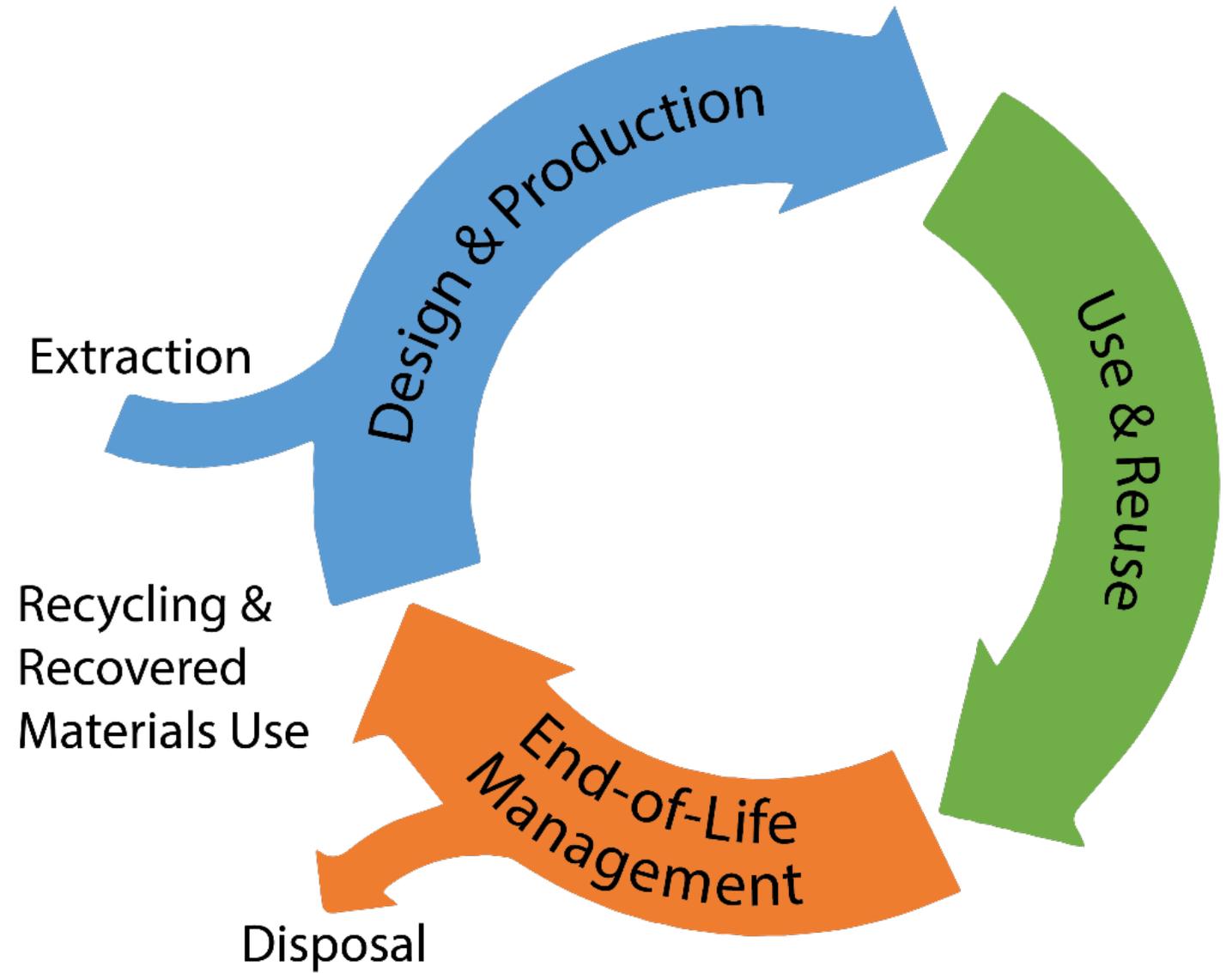


Framework and Foundations

- Purpose and Vision
- Sustainable Materials Management
- Progress on 2015 Plan
- Current Trends
- Environmental Justice
- Is the Vision is Realized
- Glossary



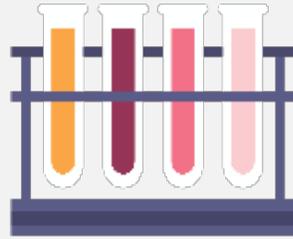
Sustainable Materials Management



State Plan Priorities



Increase our focus on manufacturing and use phases, not just on end-of-life issues



Reduce toxic threats in products and industrial processes.



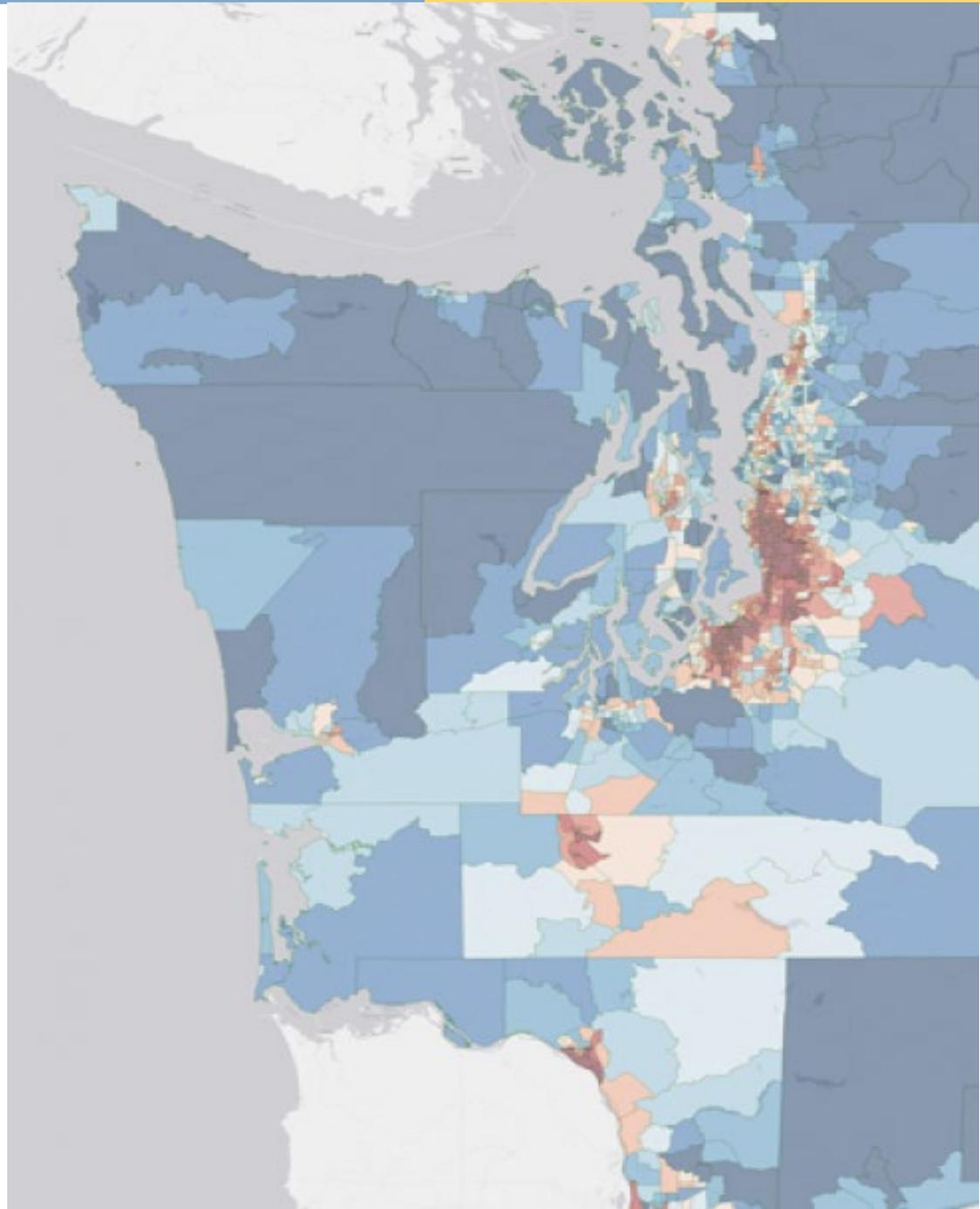
Maximize effectiveness of recycling and organic processing systems.



Mitigate climate change through waste reduction, reuse, and recycling.

Environmental Justice

- EJ commitment throughout
- Support Heal Act & EJ Task Force recommendations
- Use maps and other tools to assess services & needs
- Translations and trans-creation



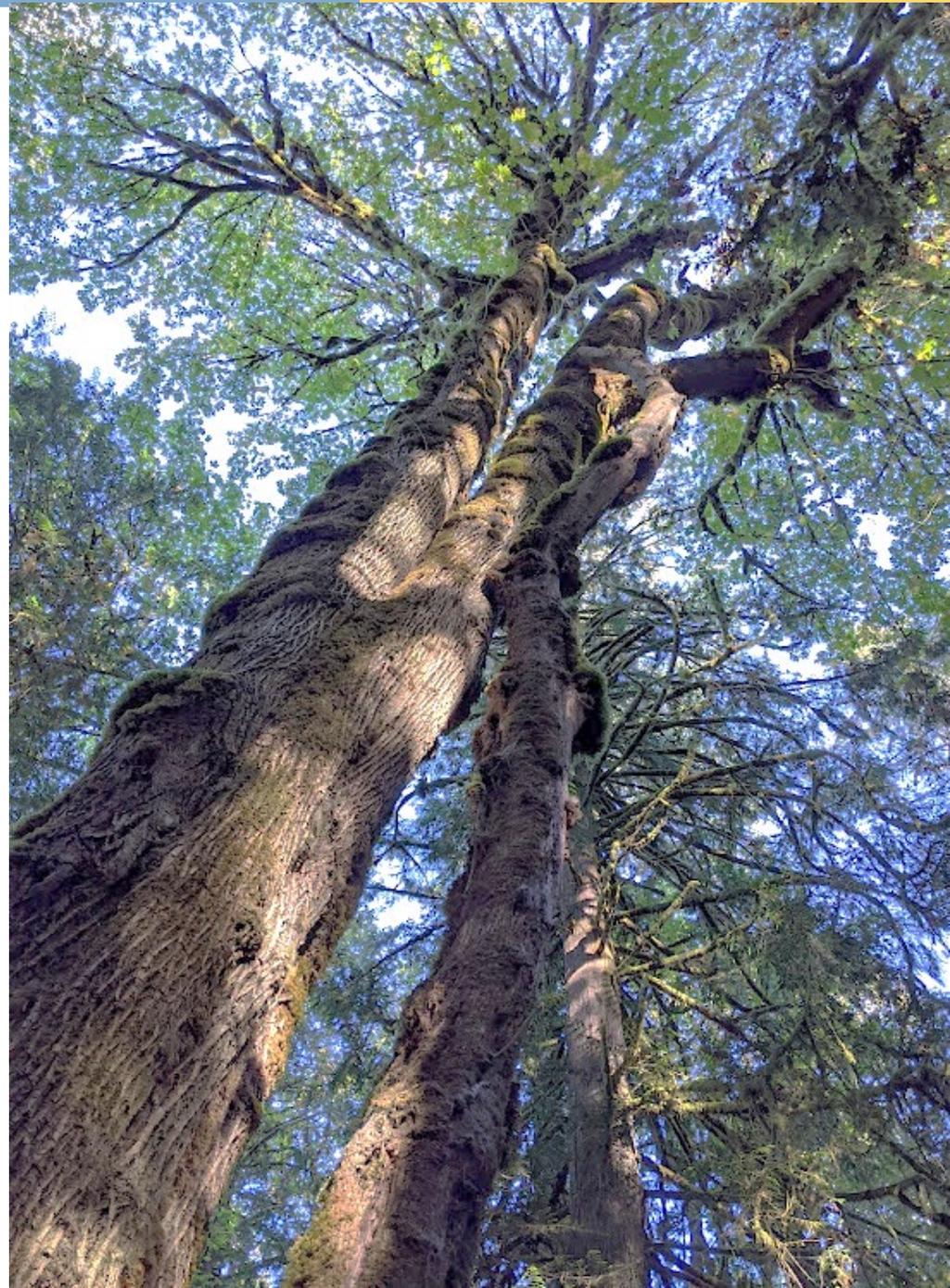
Other Changes

New laws and work

- CROPs, Food Waste Recycling Development Center, Plastics, Safer Products.

Industry changes and other developments

Update everything...!



Managing Hazardous Waste & Materials

Pollution Prevention

- 1 goal, 6 actions

Compliance & Compliance Assistance

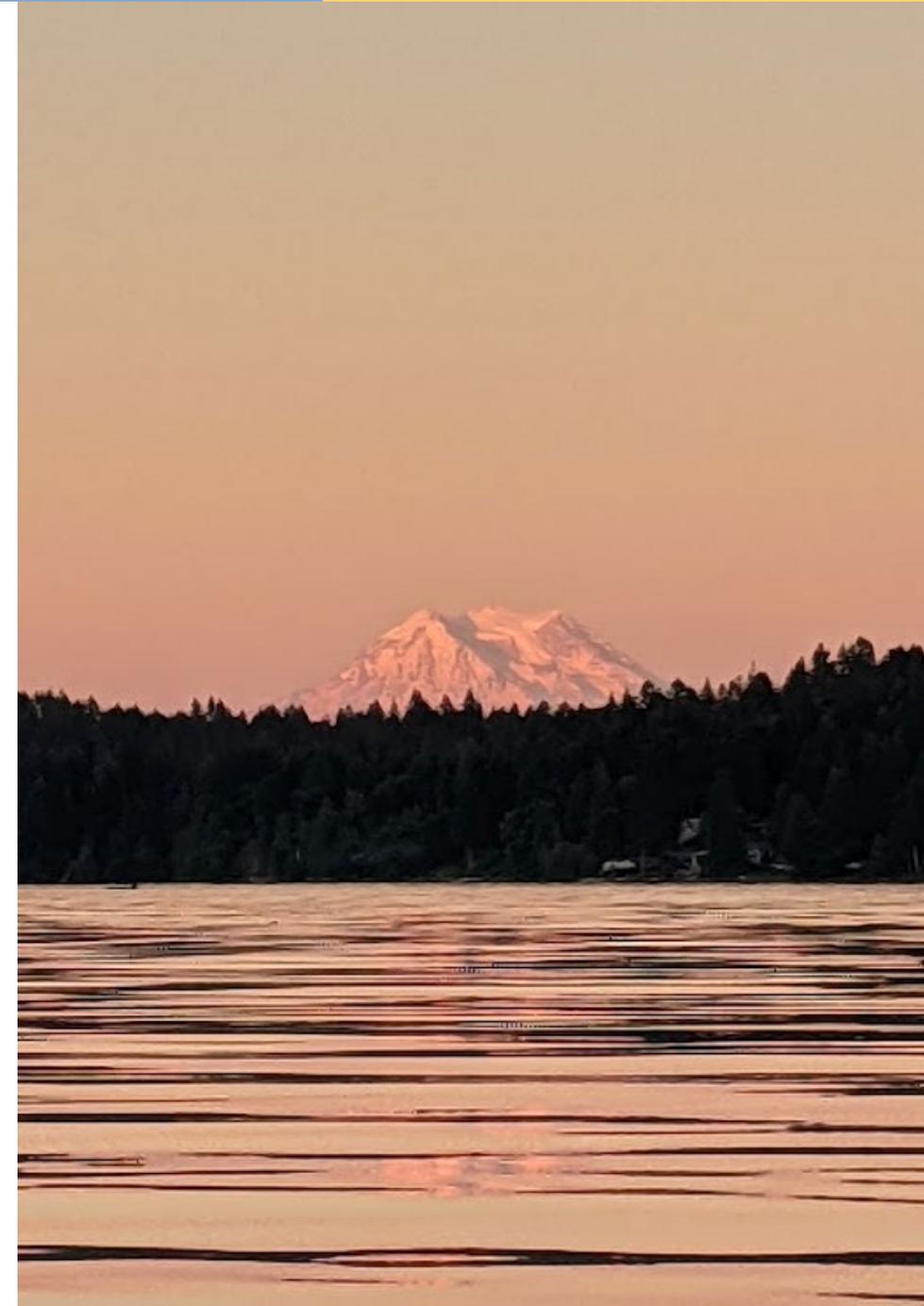
- 3 goals, 11 actions

Permitting & Corrective Action

- 4 goals, 7 goals

Small Volume Hazardous Waste & Materials (MRW)

- 3 goals, 7 goals



Managing Solid Waste & Materials

Solid Waste System Issues

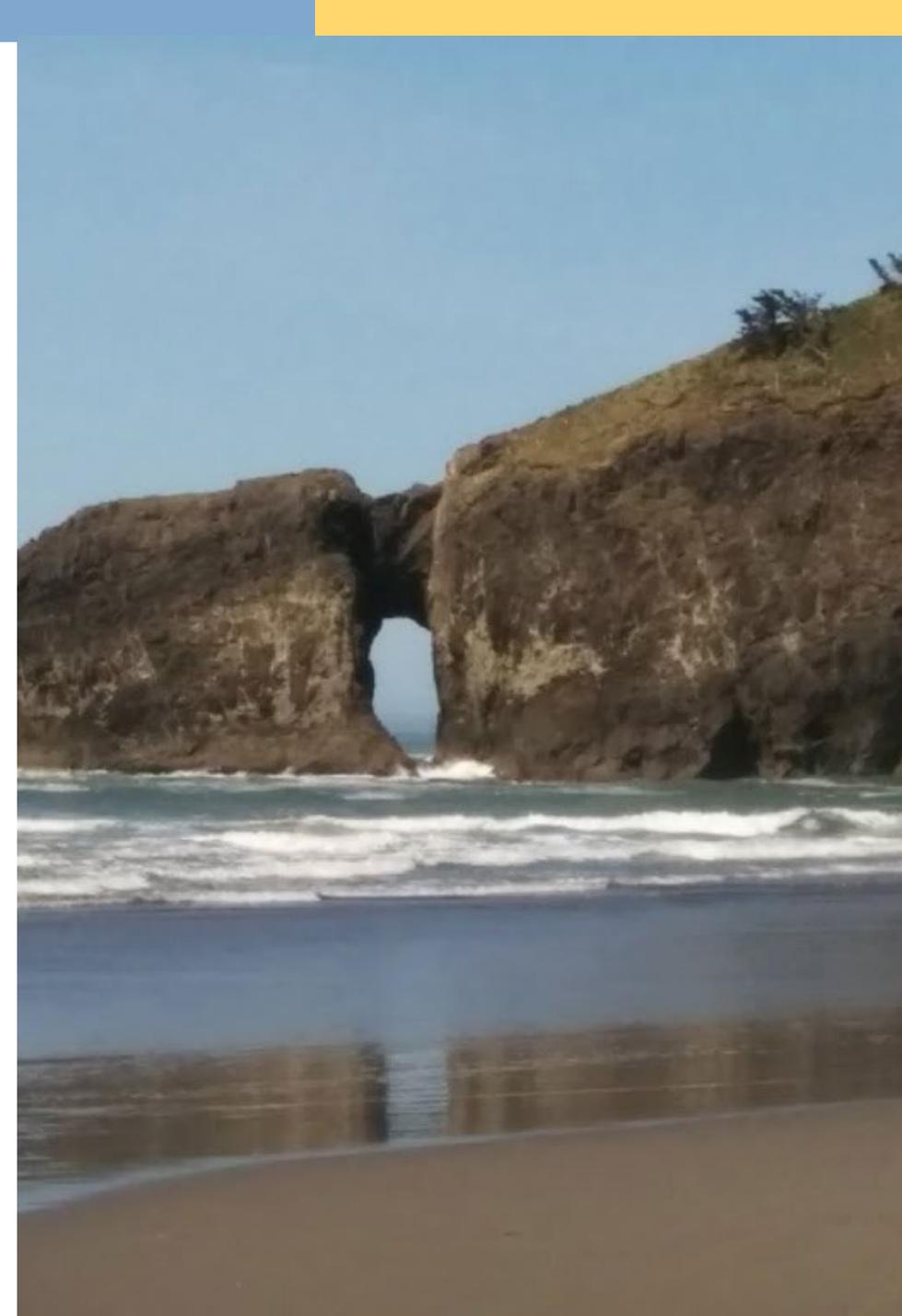
- 3 goals, 5 actions

Solid Waste Materials & Infrastructure

- 9 goals, ~28 goals

Organic Materials & Infrastructure

- 4 goals, 18 goals



Other Plan Sections

Reducing Impacts of Materials & Products

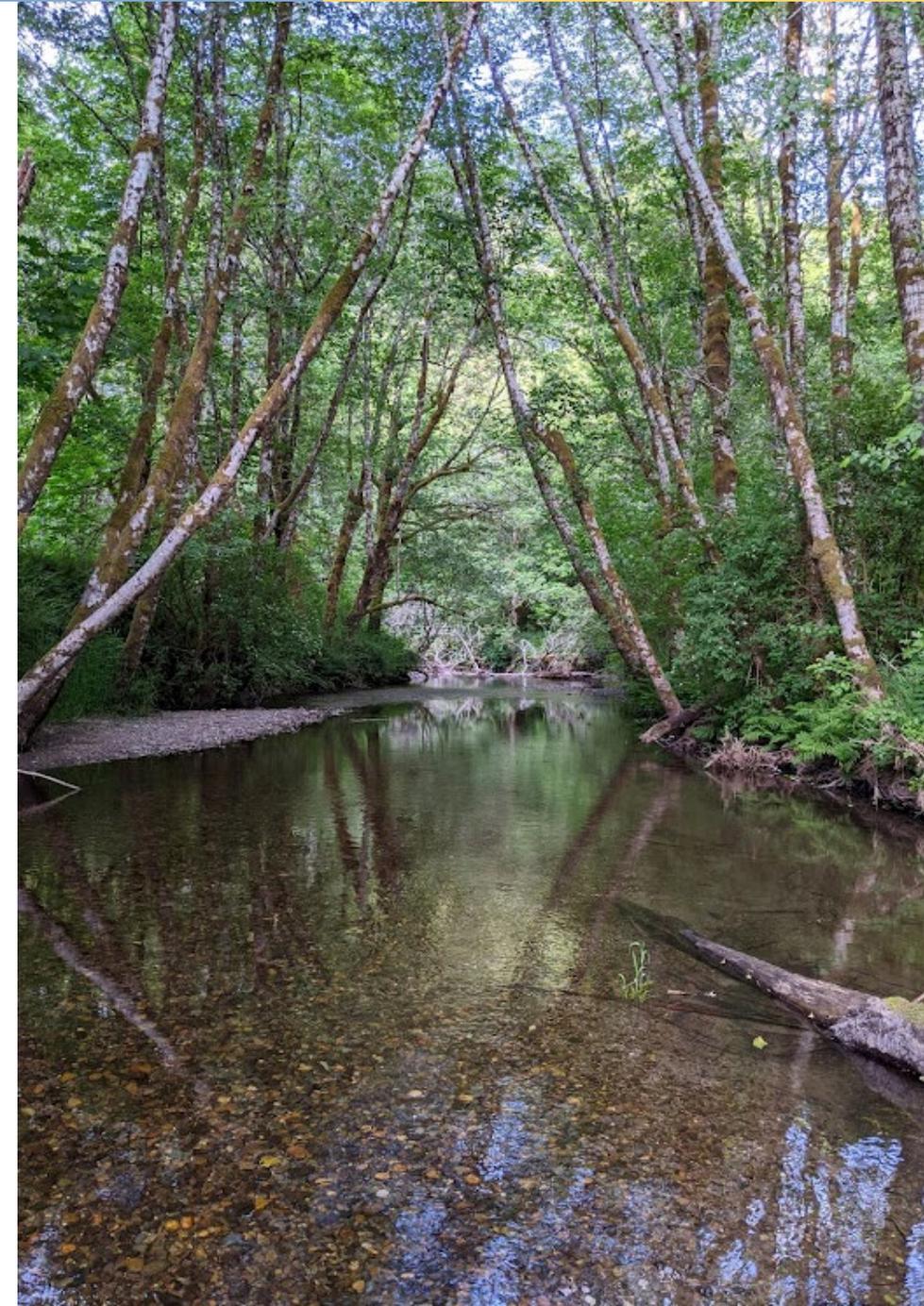
- 6 Goals, 25 Actions

Measuring Progress

- 3 Goals, 9-10 Actions

Providing Outreach & Information

- 5 Goals, 17 Actions



Comment on the State Plan

Read the second draft State Plan update:

<https://apps.ecology.wa.gov/publications/SummaryPages/2104040.html>

Comment on the second draft by September 30, 2021:

<https://swm.ecology.commentinput.com/?id=K67fG>



Questions?

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

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

Sign up for the state plan listserv:
WA-STATE-WASTE-PLAN

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Jade Monroe





Use Food Well Washington Plan

A roadmap to a more resilient food system

Jade Monroe - September 15, 2021

Washington is aligned with global,
national, and regional goals to
reduce food waste by
50 percent by 2030:

Global

SDG Target 13.2



United States

U.S. EPA & USDA



Regional

CA, OR, WA, and B.C.



DEPARTMENT OF
ECOLOGY
State of Washington

How did Washington get a “food waste reduction plan?”

[RCW 70A.205.715](#)

- Passed in 2019 WA Legislative session
- Required:
 - Independent analysis of WA food flows
 - Food waste reduction plan
 - Ecology to determine:
 - Edible food waste target (Goal 2)
 - Baseline data
 - Annual metrics for tracking progress towards 2030 goals
 - Collaboration between Ecology and COMM, DOH, OSPI, and WSDA.
 - (We also engaged over 150+ subject matter experts)



The Use Food Well WA Plan



2030 food waste reduction targets



Three strategies to meet the 2030 targets



30 recommendations to reduce food waste



Recommendations were informed by:
5 state agencies
150+ subject matter experts
Research
Literature Review
Best Practices

Use Food Well Washington Plan

Goal 1: Reduce food waste generated by 50% by 2030.

Goal 2: Reduce at least half of edible food waste by 2030.

Strategies:

- Prevention
- Rescue
- Recovery



**30 Recommendations
for improvements
across food system**



Goal 1

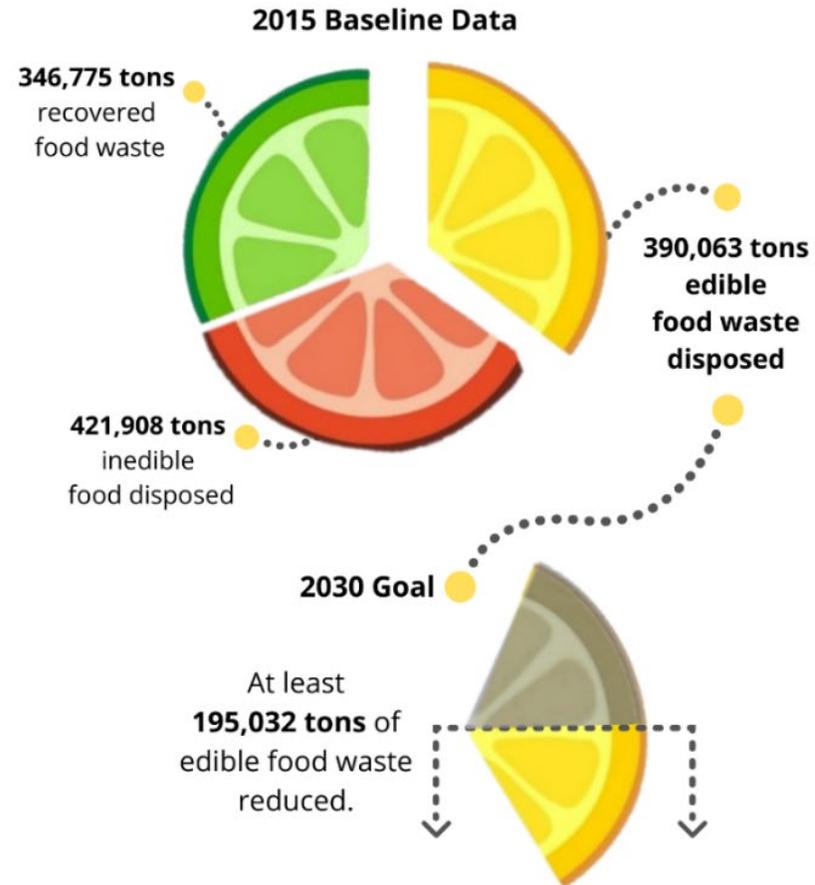
Reduce food waste generated by 50 percent by 2030.

2015 Baseline Data

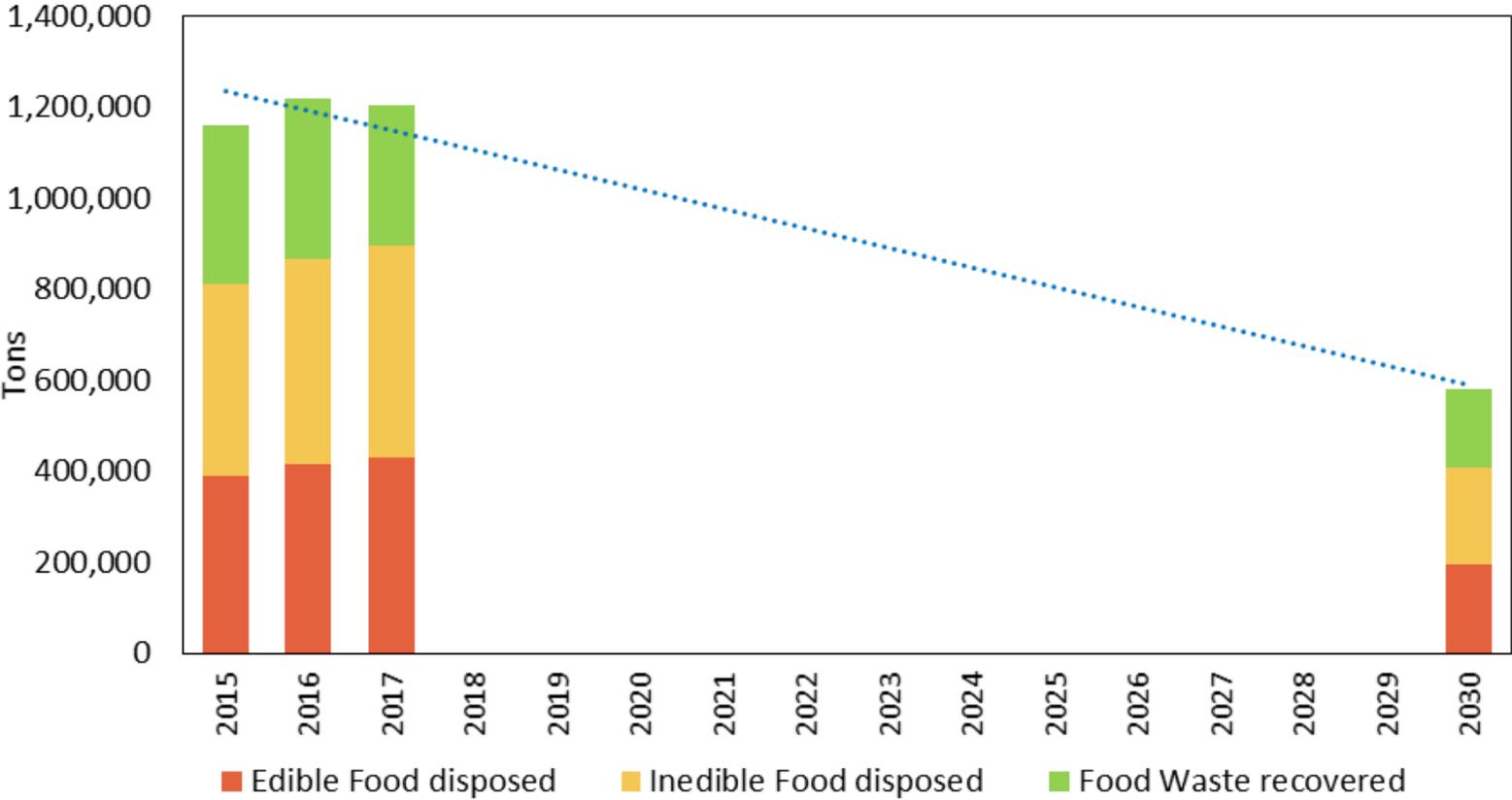


Goal 2

Reduce at least half of edible food waste by 2030.



Food Waste Generated in Washington with 2030 Target



How do we meet these goals?

Outcome of the engagement process = 30 actionable recommendations across the food system.

Ecology staff conducted an economic analysis to:

- Further research the viability and potential of the 30 recommendations.
- Determine if it is possible to meet the 2030 targets with the 30 identified recommendations.

We found out....

Washington can achieve the 2030 food waste reduction goals if:

- The *Use Food Well Washington Plan* is implemented comprehensively.
- Public-private partnerships** are prioritized and maintained throughout plan implementation.
- Barriers** to food waste reduction are addressed across the food system.
- Investments** are made in food system infrastructure.



Environmental Benefits

The *UFWW Plan* has the potential to annually reduce food waste generated in Washington by **1.3 million tons**.

This reduces greenhouse gas emissions by over **1.6 million metric tons**, equivalent to the energy needed to power over **712 thousand homes annually**.



Social Benefits

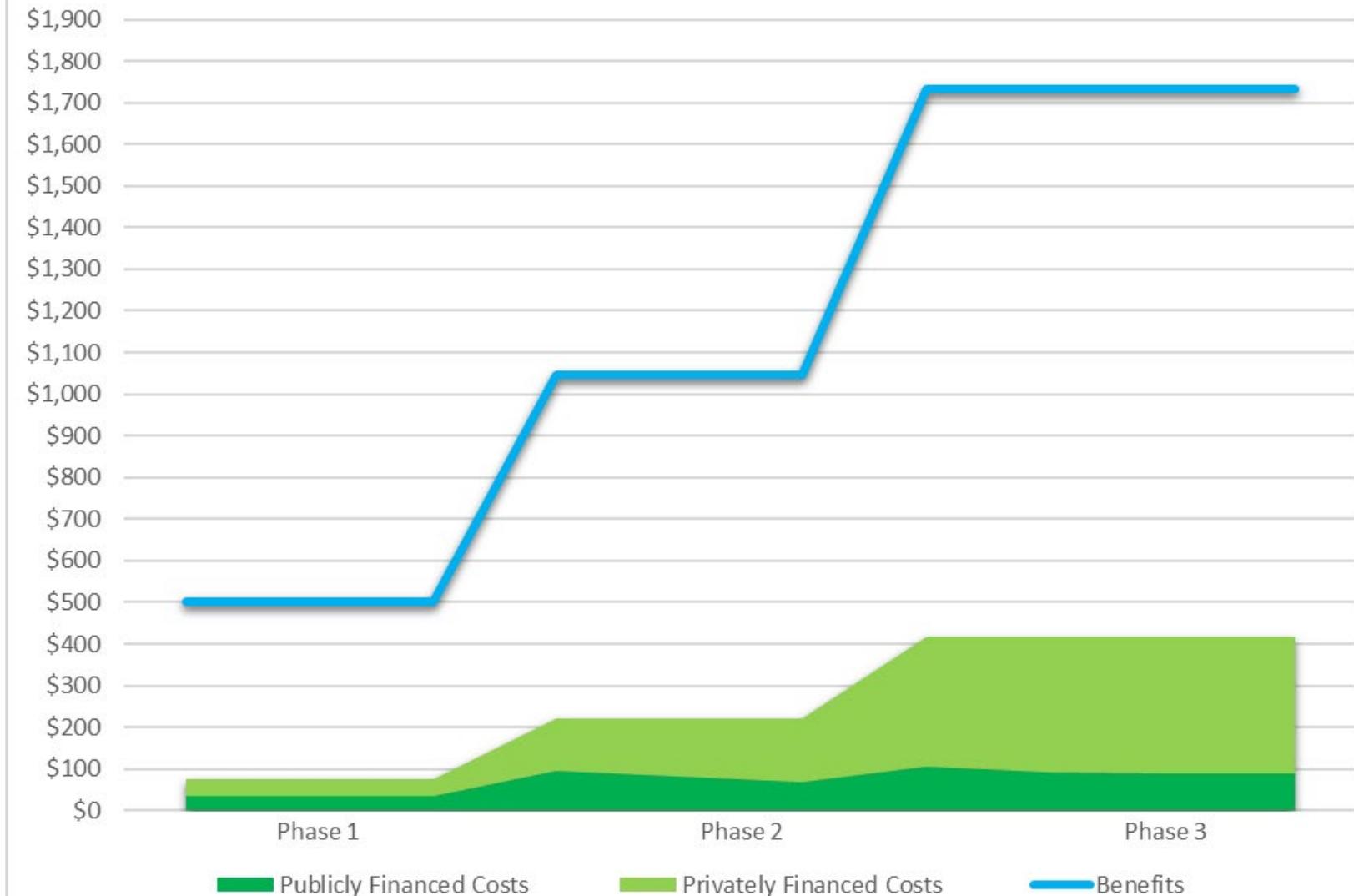
The *UFWW Plan* has the potential to reduce **edible food waste by at least 295 thousand tons per year**. This is critical when over **2 million Washingtonians** have experienced food insecurity in the last year.



Economic Benefits

Full implementation of all the recommendations would **create \$4** in benefits **for every \$1 spent**, and potentially garner net benefits of over **\$1 billion annually**.

Annual Benefits and Costs (millions)





Comprehensive Recommendations

1. Support national date labeling standard
2. Strengthen the Bill Emerson Good Samaritan Food Donation Act
3. Increase markets for lower-grade produce
4. Improve federal tax incentives
5. Continue support for the Pacific Coast Food Waste Commitment
6. Create the Washington Center for Sustainable Food Management
7. Connect UFWW Plan to Food Policy Forum
8. Research levers and develop partnerships to prevent food from entering landfills
9. State grant funding for food waste prevention, rescue, and recovery
10. Infrastructure investment in schools
11. Increase access to food waste reduction education in schools
12. Increase funding for local health jurisdictions
13. Statewide food waste reduction campaign
14. Support local government food waste reduction efforts
15. Food waste tracking and analytics
16. Mapping food system flows
17. Improve donation transportation
18. Build more farm to school partnerships



Prevention and Rescue Recommendations

19. Develop an emergency food distribution plan for Washington schools
20. 20-minute seated lunch minimum in Washington schools
21. Recess before lunch in Washington schools
22. Increase access to cold chain management



Rescue and Recovery Recommendations

23. Support value-added food processing and manufacturing
24. Community food hubs





Recovery Recommendations

25. Statewide food waste contamination reduction campaign
26. Anaerobic digesters at WRRFs, compost facilities, and farms
27. High-solids anaerobic digesters for mixed organic residuals
28. Increase use of small-scale anaerobic digestion
29. Improve regulatory certainty for compost facility operations
30. Diversify food waste management systems



Food sector icons



Farmers and ranchers



**Transportation, storage,
and logistics**



Retail food businesses



Schools and institutions



**Hunger relief
organizations**



**Food service and
hospitality**



**Community and
residential**



**Food manufacturers
and processors**



**Composters and
anaerobic digesters**



Local governments



**Washington State
Legislature**

So when you are reading the plan...



17. Improve donation transportation

Recommendation

Improve donation transportation by:

- Developing partnerships between food businesses, logistic companies, and hunger relief organizations.
- Increasing food rescue through efficient transportation and incentives.
- Increase funding for transportation investments.



What's next?

September:

- *UFWW Plan* public comment – Aug. 30 – Sept. 10
- Process feedback
- Ecology works with partners to draft legislative report

October:

- Plan and legislative report are finalized and delivered to the WA State Legislature.

After the plan is delivered -> shift to outreach and implementation (!!!)

Questions?

Listserv subscribe!

Link:

<http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=USE-FOOD-WELL-WASHINGTON&A=1>

Contact us:

Jade Monroe

jade.monroe@ecy.wa.gov

Mary Harrington

mary.harrington@ecy.wa.gov



Agenda

Solid Waste Advisory Committee

September 15, 2021 | 9:30 am – 11:55 am

Call to Order & WebEx Meeting Instructions

9:30 a.m. | 5 minutes | Troy Lautenbach (Chair) and Laurie Davies

Chair & Vice-Chair Nominations

9:35 a.m. | 5 minutes | Troy Lautenbach (Chair) and Laurie Davies

Legislative Update – 5022 & Organics Workgroup

9:40 a.m. | 30 minutes | Alli Kingfisher and Heather Trim

State Plan Update

10:10 a.m. | 30 minutes | Janine Bogar

Use Food Well Washington Plan Update

10:40 a.m. | 20 minutes | Jade Monroe

Grants Update – LSWFA, PPG, WRRED, SB 5040 Welcome to Washington Act

11:00 a.m. | 30 minutes | Tami Ramsey, Faith Wimberley, Kelsey Dunne, & Steven Williams

Bag Ban & Optional Serviceware

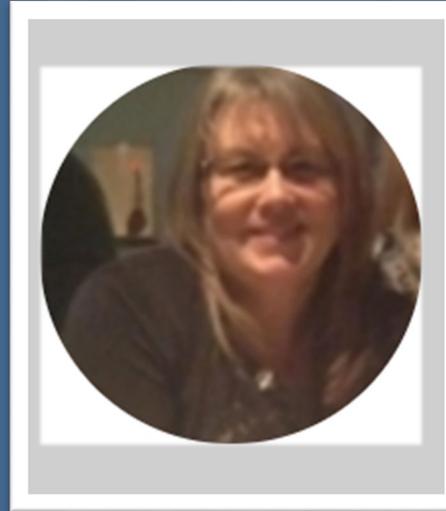
11:30 a.m. | 15 minutes | Shannon Jones

Member Updates

11:45 a.m. | 10 minutes

Adjourn

11:55 a.m.



Tami Ramsey



Faith Wimberley



Kelsey Dunne



Steven Williams



Grants Update – LSWFA

2019–21 Closeout

- 107 agreements
 - 102 closed

Funding

\$10M appropriated

\$284,223 remaining balance

2021-23 New Cycle

- 101 agreements
 - ~20 Executed
 - ~32 Offered

Funding

\$24M appropriated

\$304,492 unrequested

- \$103,049.50 P&I redistributed
- \$201,442.50 SWE redistributed



Questions?

Tami Ramsey
SWM Grants Coordinator
tami.ramsey@ecy.wa.gov

Grants Update – WRRED

2019-21 Grants

- 20 agreements, all closed
- 13% unspent

2021-23 Grants

- \$260,000 available funding
- Delayed start: January 1st 2022
- November anticipated application period



Questions?

Kelsey Dunne

Acting Grants Litter & Outreach Unit Supervisor

kelsey.dunne@ecy.wa.gov

Grants Update – PPG

2021 – 2023 application cycle

Application Status

- ✓ 36 applications submitted
- ✓ 32 applications awarded

Novel Findings

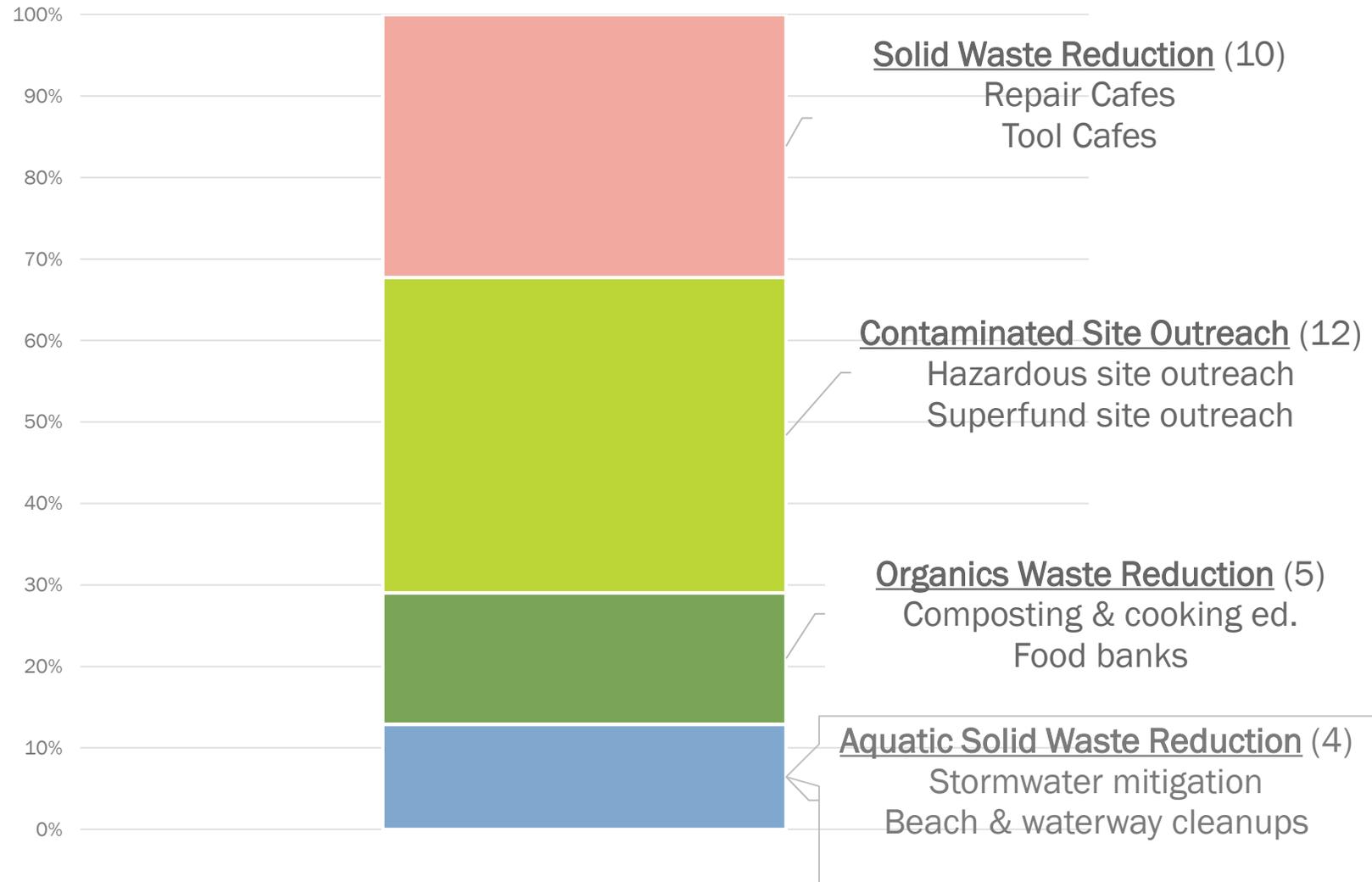
- ✓ Awarding four new organizations
- ✓ Two-thirds of projects prioritize
 - highly-impacted,
 - low-income, and
 - non-English language groups

Funding Status

\$3,700,000 appropriated
\$3,498,231 awarded
(201,769) remaining

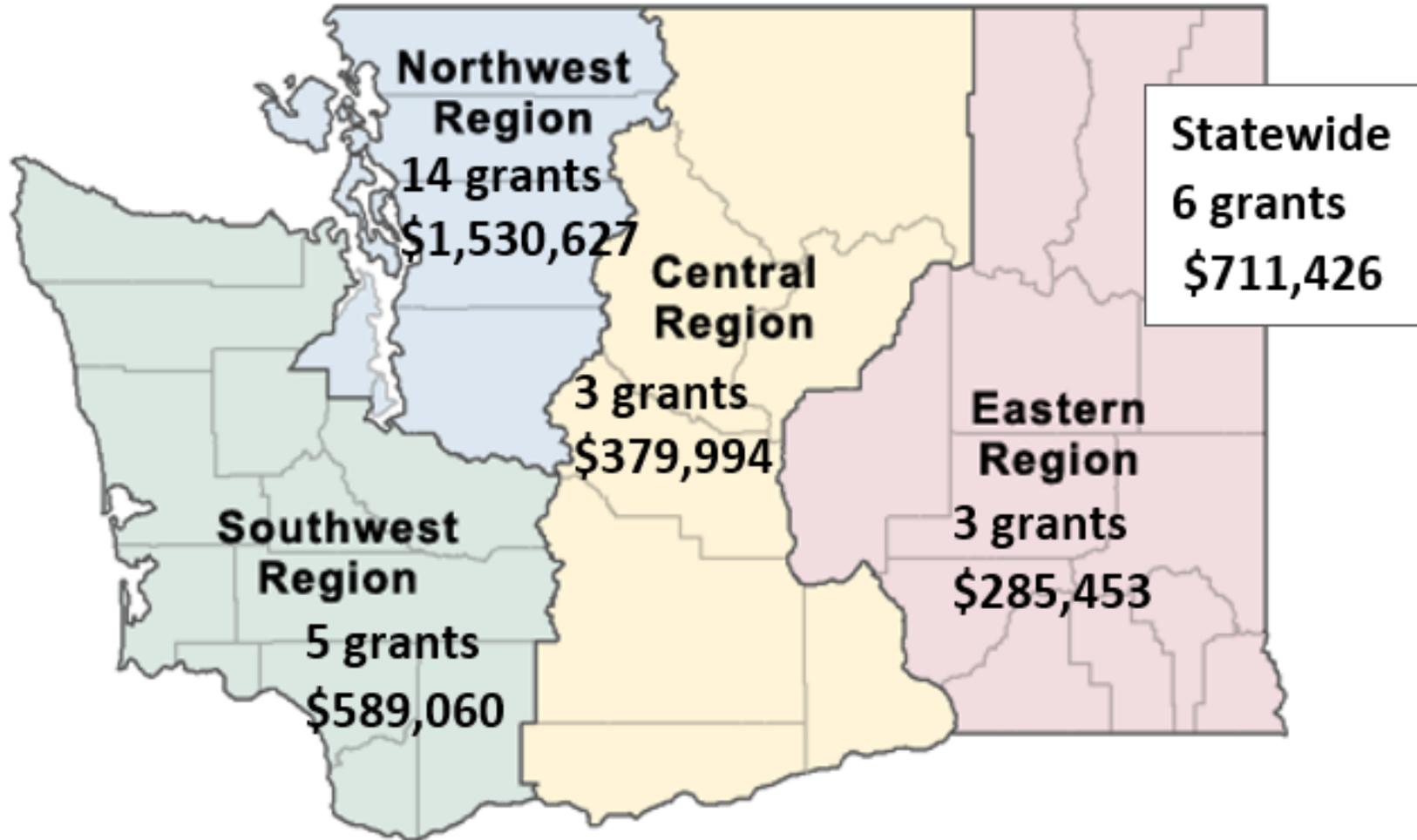
Grants Update – PPG

Grants by Project Categories



Grants Update – PPG

Statewide distribution





Questions?

Faith Wimberley
Public Participation Grant Program Lead
faith.wimberley@ecy.wa.gov

Grants Update – SB 5040

Senate Bill 5040 (SB5040) passed in the 2021 Legislative Session. It authorized local governments to apply to Ecology for reimbursement of litter cleanup activities on state highway ramps located within their jurisdiction. For the 2021-23 Biennium, Ecology incorporated SB5040 into CLCP, which is an established grant program of RCW 70A.200-190.

Ecology hoped to provide up to \$250,000 in additional funding through SB5040 to reimburse interested local governments for cleaning state highway ramps located in their jurisdiction. We were ultimately able to provide \$435,000 to these 11 recipients.

Outputs (ramps cleaned, pounds collected) will be compiled and published at the conclusion of the 2021-23 Biennium.

This is an ongoing grant program. The expectation right now is that in future biennia, SB5040 will be a stand alone grant program. Future funding levels will be determined by the overall amount of funding provided by the Legislature to Ecology for WRRLLCA activities

Recipient	Grant Amount
Benton County	\$ 40,000
City of Centralia	\$ 40,000
City of Federal Way	\$ 40,000
City of SeaTac	\$ 40,000
City of Vancouver	\$ 40,000
Kitsap County	\$ 40,000
Lewis County	\$ 40,000
Mason County	\$ 40,000
Seattle Public Utilities	\$ 40,000
Skagit County	\$ 40,000
Thurston County	\$ 35,000
Statewide Total	\$ 435,000



Questions?

Steven Williams

Section Manager – Northwest Regional Office

steven.williams@ecy.wa.gov

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Bag Ban & Optional Serviceware

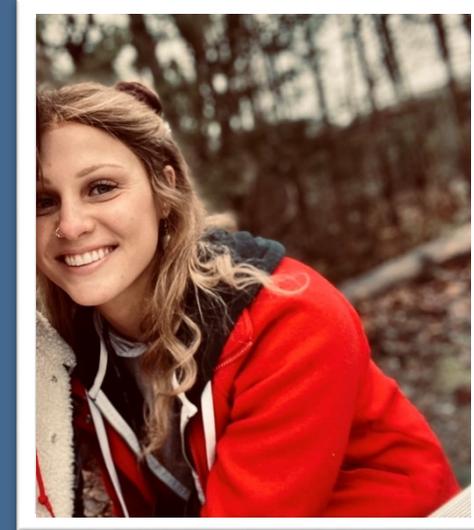
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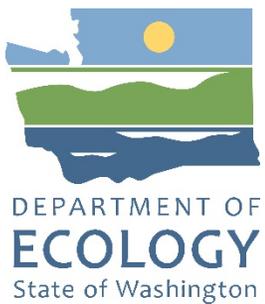
Adjourn

11:55 a.m.



Shannon Jones





WA Single-Use Plastic Bag Ban

Shannon Jones

Western Washington Materials Management Coordinator

360-742-9874

shannon.jones@ecy.wa.gov

Agenda:



Bag ban

- Delay
- Overview
- Outreach
- Enforcement

Single-use serviceware on request

- Timeline
- Overview
- Outreach and enforcement

Questions

Implementation Delays

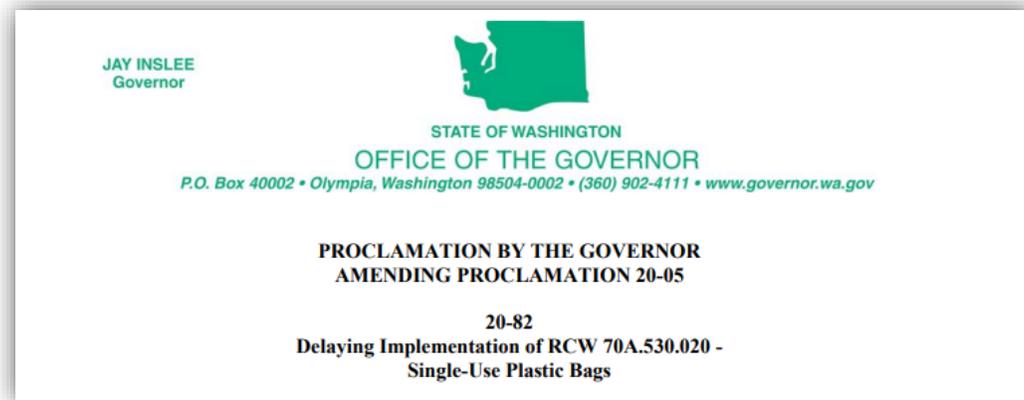


Originally scheduled January 1, 2021

[RCW 70A.530](#)

Governor's Proclamation and Senate Resolution

Amended proclamation – bag ban effective October 1, 2021



Bag Type	Allowed?	Charge	Requirements
 Single-use Plastic Carryout Bags	 Not allowed	N/A	All single-use plastic carryout bags are banned.
 Larger Paper Carryout Bags	 Allowed	\$0.08	Must have a minimum of 40 percent post-consumer recycled content. Must meet composting requirements.
 Thick Reusable Plastic Carryout Bags	 Allowed	\$0.08	Must be made of plastic film containing 20 percent post-consumer recycled content. Must be at least 2.25 mil thick; may not be green or brown tinted. May not contain the words “biodegradable,” “degradable,” or “decomposable.”
 Compostable Bags	 Allowed	Allowed	Because Seattle has access to a commercial compost facility, Seattle businesses can use thin compostable bags. Your business can choose whether to charge \$0.08 for these bags.
 Green or Brown Plastic Produce Bags	 Not allowed	None	Only compostable bags can be tinted green or brown. No bag can use the following misleading labels: <ul style="list-style-type: none"> • “Biodegradable” • “Decomposable” • “Degradable”
 Clear Plastic Produce Bags	 Allowed	None	Only clear plastic produce bags are exempt from the ban.
 Small Paper Bags	 Allowed	None	Stores are not required to charge for small paper bags but may at their discretion.
 Bring Your Own Reusable Bags	 Allowed	None	None.



8¢ fee



8¢ fee



Important Notes and Exemptions

- SNAP, EBT, WIC, & TANF customers exempt*
- Food banks are exempt
- Single-use bag receptacles not allowed
- Businesses keep the .08 cent fee
- Customer receipt must show .08 cent fee



*Even if using another method of payment at purchase

Outreach for Businesses

Washington State Bag Requirements

For Retailers, Grocers, Restaurants, and other Businesses



NO
Single-use Plastic
Carryout Bags



8¢ charge
Large Paper
Carryout Bags

Made with 40% recycled content. Charges must be retained by the business



8¢ charge
Thick Reusable Plastic
Carryout Bags

Made with 20% recycled content and a minimum of 2.25 mil thick film. Charges must be retained by the business



Charge optional
Compostable Carryout
Bags Allowed but
Not Recommended

Green or brown tinted film bags must be compostable.

Other bags ALLOWED:



Durable
Reusable Bags



Small Paper Bags



Produce, Meat, Bulk Foods,
Bakery Goods, etc.



Flowers, Drycleaning,
Newspaper Bags, etc.



bagban@ecy.wa.gov | (360) 407-6000
Ecology.wa.gov/Bag-Ban



Seattle
Public
Utilities



SPU Green Business
Program providing support
to Seattle businesses.

GreenBusiness@Seattle.gov | (206) 343-8505
seattle.gov/utilities/GreenYourBusiness

Details of the Washington State Bag Law

Grocery and Retail Notes

- Stores may not provide customers with single-use plastic carryout bags.
- The bag ban applies to restaurants, grocery stores, retail stores, convenience stores, farmers markets, food trucks, temporary stores, and home delivery services. Food banks are exempt.
- If you have questions about whether your business must comply with this ban, please contact bagban@ecy.wa.gov.
- Stores must charge a minimum charge of 8 cents for large paper bags (1/8 barrel paper bags 882 cubic inches or larger) and reusable plastic bags (2.25 mil or thicker).
- The large paper bags for which customers are charged must contain at least 40% postconsumer recycled content with the bag's postconsumer recycled content printed on the outside of the bag.
- The reusable plastic film bags for which customers are charged must contain at least 20% postconsumer recycled content with the minimum percentage of postconsumer recycled content, the mil thickness, and the word "Reusable" printed on the outside of the bag.
- Stores may provide smaller paper bags. Charge is optional.
- The bag charge is a taxable retail sale and must be shown on a receipt provided to the customer. Stores must keep all revenue from bag charges.
- Stores may provide certified compostable carry-out bags. Charge is optional.
- Any green or brown tinted film bag must be compostable.
- Stores may not provide customers with bags with misleading labels such as "biodegradable," "degradable," "decomposable" or similar.
- Stores may provide customers with in-store plastic or compostable bags.
- Bags allowed for use by customers in stores include those used for bulk items, produce, meat, or other items such as: hardware, frozen foods, flowers and plants, unwrapped prepared foods, bakery goods, and prescription drugs.
- Individuals may report businesses that are not in compliance with the ban using an online form provided by Department of Ecology.
- Businesses may not charge the bag charge to customers using/showing a voucher or benefits card (SNAP, WIC, TANF, FAP).

Questions?

baginfo@ecy.wa.gov or (360) 407-6000

Help your
customers protect
the environment
and reduce
plastic litter.



Visit the WA Ecology
website to view,
customize, and print
educational BYOB
items today.

ecology.wa.gov/bag-ban

Ecology.wa.gov/Bag-Ban

Outreach to Public

WA State Bag Requirements

Seattle Public Utilities | DEPARTMENT OF ECOLOGY
State of Washington

				
NO Single-use Plastic Carryout Bags	8¢ charge Large Paper Carryout Bags	8¢ charge Thick Reusable Plastic Carryout Bags	BYOB Please Bring Your Own Clean Reusable Bags	Charge optional Compostable Carryout Bags Allowed

For more information and details please visit [Ecology.wa.gov/Bag-Ban](https://ecology.wa.gov/Bag-Ban)



SCAN ME

WASHINGTON STATE PLASTIC BAG BAN



BYOB
Bring Your Own Bag.

					
NO SINGLE-USE PLASTIC CARRYOUT BAGS	RECYCLABLE PAPER BAG, 8¢ CHARGE	REUSABLE THICK PLASTIC FILM BAG, 8¢ CHARGE	PRODUCE, BULK FOOD, MEAT BAGS+ ALLOWED	KEEP REUSABLE BAGS CLEAN	DON'T FORGET YOUR BAG!

DEPARTMENT OF ECOLOGY
State of Washington

For information, reporting, and complete listing of law's requirements please visit [Ecology.wa.gov/Bag-Ban](https://ecology.wa.gov/Bag-Ban)

Washington StateWide Plastic Bag Ban

English

- Single-use plastic bags are banned by Washington state law. Paper and thick reusable plastic bags can be purchased for an 8-cent charge. Bringing your own reusable bags is encouraged.

Amharic (አማርኛ)

- ለአንድ ጊዜ ጥቅም ላይ የሚውሉ ፕላስቲክ ኪራሲቶች በየዘንግዎቹ ስቴት ስጦታ ታይዎታል። ወርቀት እና ወሩሮም እንደሆኑ ጥቅም ላይ ሊውሉ የሚችሉ የፕላስቲክ ኪራሲቶች በ8 ሳንቲም ሊገዙ ይችላሉ። የራስዎን እንደሆኑ ጥቅም ላይ የሚውሉ ኪራሲቶችን ጥምጥጦ ይዘርዙታል።

Arabic (العربية)

- حظر استخدام الأكياس البلاستيكية على مستوى ولاية واشنطن
- تصح بيعت أكياس قفلة لإعادة الاستخدام

Traditional Chinese (繁體中文)

- 依據華盛頓州法令，本州禁止使用一次性塑料袋，紙袋及環保厚塑料袋需支付8美分購買。提倡帶上自己的環保袋。

Hindi (हिंदी)

- वाशिंगटन राज्य कानून द्वारा एक बार के लिए उपयोग किए जाने वाले प्लास्टिक बैग पर प्रतिबंध लगाया गया है। कमजोर और फिर से उपयोग की जाने योग्य मोटे प्लास्टिक बैग 8 सेंट शुल्क पर खरीदे जा सकते हैं। खुद अपना फिर से उपयोग किए जाने योग्य बैग लाने के लिए प्रोत्साहित किया जाता है।

Indonesian (Bahasa Indonesia)

- Kantong plastik sekali pakai dilarang oleh hukum negara bagian Washington. Kantong kertas dan plastik tebal yang dapat digunakan kembali (reusable) dapat dibeli seharga 8 sen. Sebaiknya bawa kantong yang dapat digunakan kembali (reusable).

Japanese (日本語)

- 使い捨てのレジ袋は、ワシントン州の法律で禁止されています。再利用できる紙製で厚手のレジ袋は、8セントのチャージ料で購入できます。エコバッグの持参をお勧めしています。

Khmer (ខ្មែរ)

- ថង់ប្លាស្ទិកសម្រាប់ប្រើប្រាស់តែមួយដងត្រូវបានហាមឃាត់ដោយច្បាប់នៃរដ្ឋវ៉ាស៊ីនតោន។ ថង់ប្លាស្ទិកដែលអាចប្រើប្រាស់ឡើងវិញក្រាស់ និងថង់ប្រដាប់អាវុធការពារសម្រាប់តម្លៃ 8 សេន។ ការដាក់តម្លៃខ្ពស់ថង់ប្លាស្ទិកដែលអាចប្រើប្រាស់ឡើងវិញផ្តល់ខ្លួនត្រូវបានលើកទឹកចិត្ត។

Korean (한국어)

- 일회용 플라스틱 백은 와싱턴 주법에 의해 사용금지된다. 종이혹은 두꺼운 재생 플라스틱 백은 8센트요금만 부과된다. 자신의 재생봉지를 가져와서 사용하기를 권장한다.

Laotian (ລາວ)

- ຫນົບໄຊ້ຄັ້ງໜຶ່ງແລະບໍ່ຊ້ຳຄືນຖືກຫ້າມໃນລັດວາຊິງຕັນ ວາຊິງຕັນ. ຫນົບອື່ນໆ ແລະ ຖືກຜາວາດ້ວຍເສັ້ນໜຶ່ງອື່ນໆມາໃຊ້ຄືນໃຫ້ໄດ້ມາດາ 8 ດື່ມ. ດັ່ງນັ້ນ ທ່ານຄວນນຳໃຫ້ມາໃຊ້ຄືນໄດ້ມາດາ.

Oromo (Oromiffa)

- Korojowwan pilaastikaa yeroo tokko qofa hujjims colaana seera kutaa bulchiinsaa Washingtonin dhorkamoodha. Korojowwan waraqaa fi pilaastikaa furdaa irra deebin faayidaa irra ooluu danda’an kaaffaltii saantima 8 tiin bitamuu danda’u. Korojowwan irra deebin faayidaa irra ooluu danda’an mataa keessanii fiduun ni jajjabeeffama.

Russian (Русский)

- Законом штата Вашингтон запрещено использование одноразовых полиэтиленовых пакетов. Бумажные и плотные многоразовые полиэтиленовые пакеты можно купить за 8 центов. Рекомендуется принести свои многоразовые сумки.

Somali (Soomaali)

- Basaha marka kaliya la isticmaalo waxaa mamnuucay sharciiga gobolka Washington. Waraqaaha iyo bacadha la isticmaali karo dhawrka jeer waxaa la ihsan karaa iyada oo uu la socdo khairash 8 santi ahi. Inuu qofku soo qasato cab uu leeyahay ayaa la dhiigig galnayaa.

Spanish (Español)

- Bolsas de plástico de un solo uso están prohibidas por la ley del Estado de Washington. Bolsas reutilizables de papel y plástico grueso pueden ser compradas a un costo de 8-centavos. Se fomenta el traer sus propias bolsas reutilizables.

Tagalog (Tagalog)

- Ipinagbabawal ng pang-estadong batas ng Washington ang paggamit sa mga pang-isahang gamit na plastic bag. Maaring bumili ng mga paper bag at makakapal na plastic bag na puwedeng gamitin ulit sa halagang 8 sentimo. Hinimok ang pagdadala ng sarili mong bag na puwedeng gamitin ulit.

Tigrinya (ትግርኛ)

- ንሓድ ጊዜ ጥቅም ላይ የሚውሉ ፕላስቲክ ኪራሲቶች በየዘንግዎቹ ስቴት ስጦታ ታይዎታል። ወርቀት እና ወሩሮም እንደሆኑ ጥቅም ላይ ሊውሉ የሚችሉ የፕላስቲክ ኪራሲቶች በ8 ሳንቲም ሊገዙ ይችላሉ። የራስዎን እንደሆኑ ጥቅም ላይ የሚውሉ ኪራሲቶችን ጥምጥጦ ይዘርዙታል።

Thai (ภาษาไทย)

- รัฐวอชิงตันออกกฎหมายห้ามใช้ถุงพลาสติกแบบใช้ครั้งเดียวทิ้ง สามารถซื้อถุงกระดาษและถุงพลาสติกแบบหนาที่สามารถนำกลับมาใช้ใหม่ได้ในราคา 8 เซ็นต์ ขณะนำให้มาถุงแบบใช้ซ้ำได้มาเอง

Vietnamese (Tiếng Việt)

- Luật tiểu bang Washington cấm túi nhựa sử dụng một lần. Có thể mua túi giấy hoặc túi nhựa dày cho tái sử dụng với phí 8 cent. Bạn nên đem theo túi xách có thể tái sử dụng cho riêng mình.

Washington State Wide Plastic Bag Ban

ወሳኝ ጊዜ ጥቅም ላይ የሚውሉ ኪራሲቶች በ8 ሳንቲም ሊገዙ ይችላሉ። የራስዎን እንደሆኑ ጥቅም ላይ የሚውሉ ኪራሲቶችን ጥምጥጦ ይዘርዙታል።

حظر استخدام الأكياس البلاستيكية على مستوى ولاية واشنطن

華盛頓州禁塑令

पूरे वाशिंगटन राज्य में प्लास्टिक बैग पर प्रतिबंध

Larangan Kantong Plastik di Seluruh Negara Bagian Washington

ワシントン州全域でレジ袋の使用が禁止に

ការហាមឃាត់ការប្រើប្រាស់ថង់ប្លាស្ទិក កែនវិញម្តង រដ្ឋវ៉ាស៊ីនតោន

와싱턴주 전체에 걸친 플라스틱 백 사용 금지

ການຫ້າມໃຊ້ຄັ້ງໜຶ່ງແລະບໍ່ຊ້ຳຄືນໃນທົ່ວລັດວາຊິງຕັນ

Dhorkuu Korojoo Pilaastikaa Kutaa Bulchilinsa Washingtonitlin

Запрет полиэтиленовых пакетов на территории штата Вашингтон

Prohibición de Bolsas de Plástico en todo el Estado de Washington

Mamnuucida Bacaha ee Gobolka Washington oo Dhan

Pagbabawal sa Paggamit ng Plastic Bag sa Buong Estado ng Washington

ድጋ ጥቅም ላይ የሚውሉ ፕላስቲክ ኪራሲቶች በ8 ሳንቲም ሊገዙ ይችላሉ። የራስዎን እንደሆኑ ጥቅም ላይ የሚውሉ ኪራሲቶችን ጥምጥጦ ይዘርዙታል።

คำสั่งห้ามใช้ถุงพลาสติกในรัฐวอชิงตัน

Lệnh cấm túi nhựa trên toàn tiểu bang Washington

[Ecology.wa.gov/Bag-Ban](https://ecology.wa.gov/Bag-Ban)

To request an ADA accommodation, contact Ecology by phone at 360-742-9874 or email at bagban@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877-833-6341.

If you speak a non-English language, free language services are available. Call 360-742-9874.

Enforcement

Observation Form

This form is for reporting any violation of the new state plastic bag ban that you have observed.

Thank you taking the time to notify Ecology. We will follow up by contacting the observed business and working with the management to comply with the law. Repeated non-compliance may result in up to a \$250 per day fine.

Please provide any level of detail you can. You may submit the form anonymously, but if you'd like a confirmation email, please include your email address

The following plastic and paper bag violations can be reported:

- Business using single-use plastic bags.
- Re-usable plastic bags not labeled with and/or meeting proper specifications (2.25 mil thickness, re-usability, 20% recycled content).
- Paper bags not labeled with and/or meeting proper specifications (40% recycled content).
- Business not charging 8 cent pass-through charge on paper and reusable plastic bags.

About You

Your Name:

Email Address: *required*

Observed Violation

Type of Violation: *required*

Business Name: *required*

Street Address: *required*

Address Line 2: *(i.e. suite#1234)*

City: *required*

State: *required*

Zip: *required*

Observed Date: *required*

Notes/Description:

Submit



Plastic Bag Ban (Admin)

Ungrouped Violations

Grouped Violations

Enforcement Actions

Businesses

Data

Debug

Ungrouped Violations

This table is presenting incoming observed violations that have not been grouped to a known business entity.

In order to accurately take action on these violations they must be associated with a known business. Use the 'Associate' action to connect the violation to a known business by selecting it or adding a new business

Show entries

Search:

Action	ID	Type	Business	Address	Business ID	Date/Time	Notes/Desc	Reported By
No data available in table								

Showing 0 to 0 of 0 entries

First Previous Next Last

Enforcement

1st
Complaint

- Educational mailer- explains law

2nd
Complaint

- Educational mailer- explains law and possibility of enforcement

3rd
Complaint

- Warning letter- Warns that another complaint received will result in inspection

4th
Complaint

- Inspection and Notice of Violation

5th
Complaint

- Potential fines- up to \$250 per day in violation



Resources

- [Ecology bag ban website](#)
- [Manufacturer/Distributor Contact Lists](#)
- [Ecology bag ban listserv](#)
- [Outreach toolkit](#)
- Designed with stakeholder input
- Accessible
- Translated
- Downloadable and customizable



Single-use servicerware on request



Begins January 1, 2022

[RCW 70A.245.080](#)

Stakeholder input on outreach materials
beginning October 2021

Overview of requirements

- Businesses can no longer automatically include single-use items in customer orders
- Includes utensils, straws, condiment packages, and cold cup lids
- Cannot bundle utensils
- May provide a self-serve utensil station
- Applies to all food service locations including institutions like business or school cafeterias
- Healthcare facilities exempt



Resources

- [Ecology Single-Use Serviceware on Request website](#)
- Currently drafting outreach toolkit
- Stakeholder review process
- [Ecology bag ban listserv](#)





Questions?

Shannon Jones

Materials Management Coordinator – Western WA

shannon.jones@ecy.wa.gov

Agenda

Solid Waste Advisory Committee

September 15, 2021 | 9:30 am – 11:55 am

Call to Order & WebEx Meeting Instructions

9:30 a.m. | 5 minutes | Troy Lautenbach (Chair) and Laurie Davies

Chair & Vice-Chair Nominations

9:35 a.m. | 5 minutes | Troy Lautenbach (Chair) and Laurie Davies

Legislative Update – 5022 & Organics Workgroup

9:40 a.m. | 30 minutes | Alli Kingfisher and Heather Trim

State Plan Update

10:10 a.m. | 30 minutes | Janine Bogar

Use Food Well Washington Plan Update

10:40 a.m. | 20 minutes | Jade Monroe

Grants Update – LSWFA, PPG, WRRED, SB 5040 Welcome to Washington Act

11:00 a.m. | 30 minutes | Tami Ramsey, Faith Wimberley, Kelsey Dunne, & Steven Williams

Bag Ban & Optional Serviceware

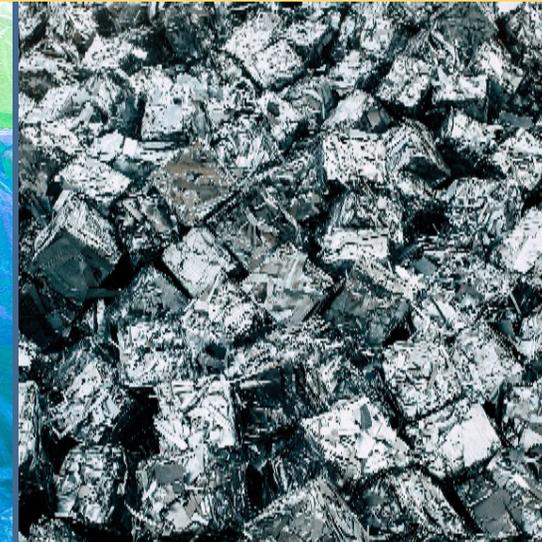
11:30 a.m. | 15 minutes | Shannon Jones

Member Updates

11:45 a.m. | 10 minutes

Adjourn

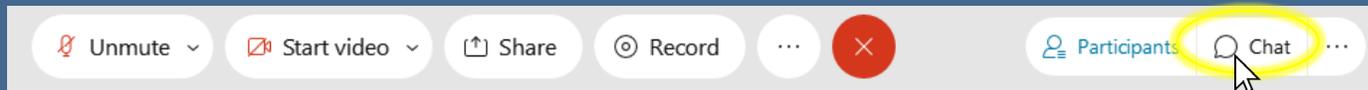
11:55 a.m.



Member Updates

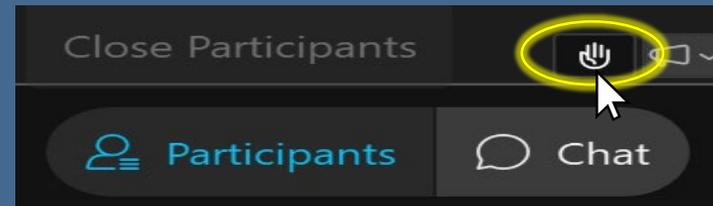
We want to hear from you!

If you would like to provide comment, **please write your name in the chat.** 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



You may also raise your hand by clicking the hand icon. Note: this icon is not always located in the same place, depending on your screen setup. It may be next to your name on the participants list or in the bottom right hand corner.

Please keep your comment to under 2 minutes.



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