

Solid Waste Advisory Committee Meeting

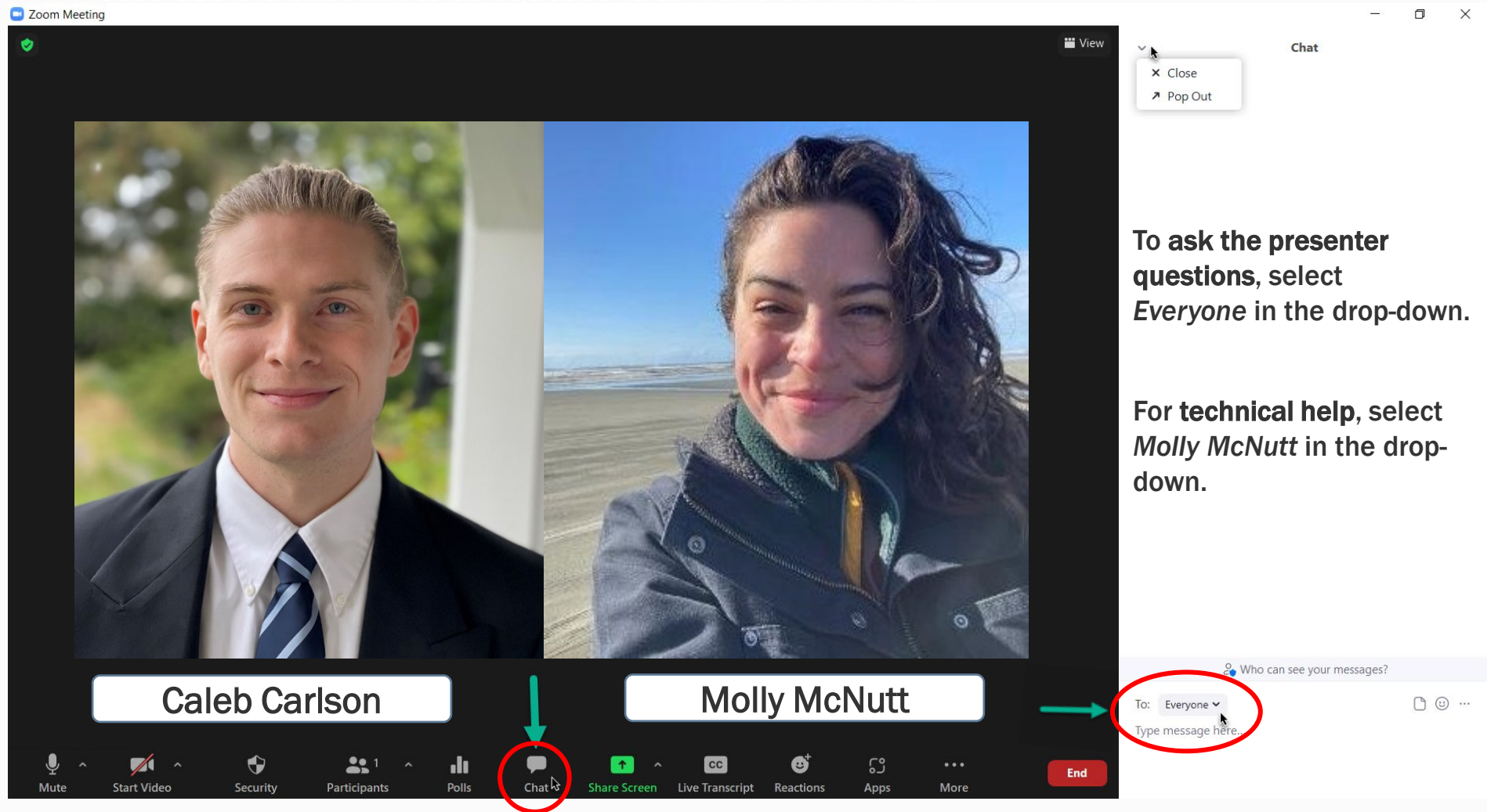
Welcome!

- 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.



Assisting with this meeting:

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



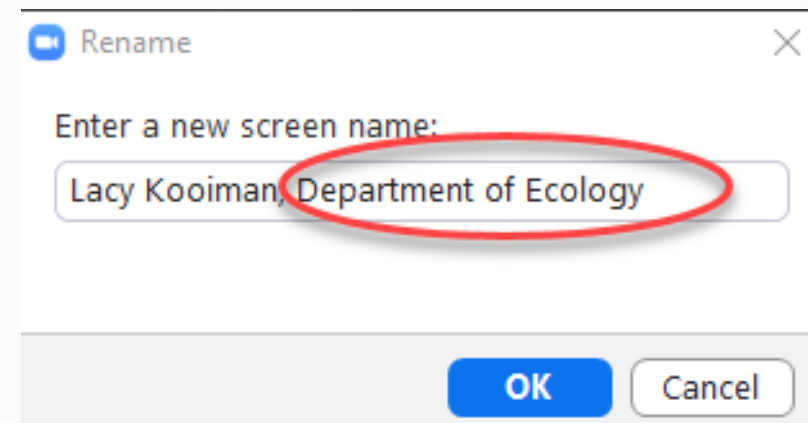
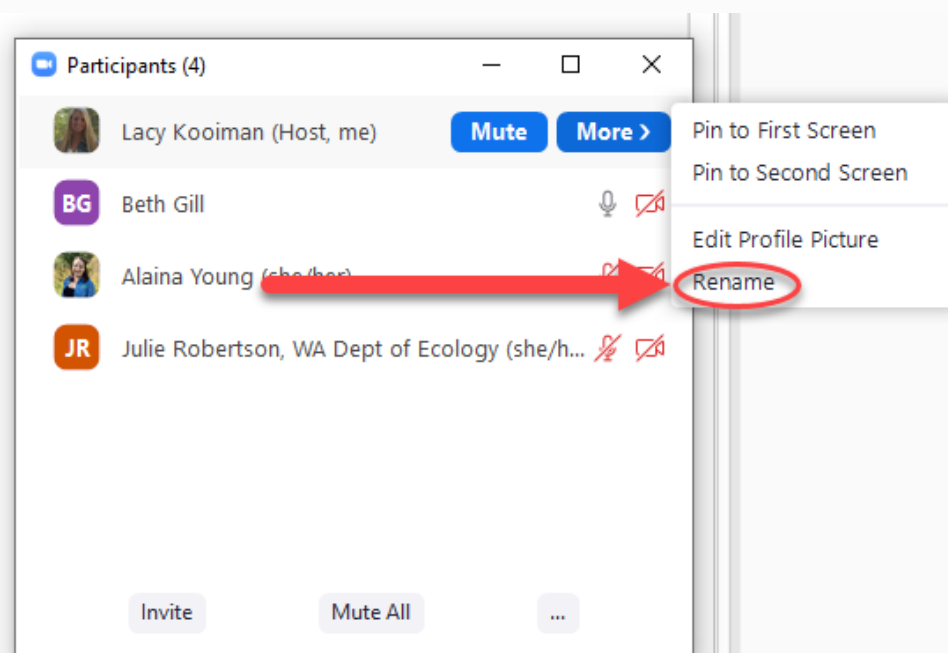
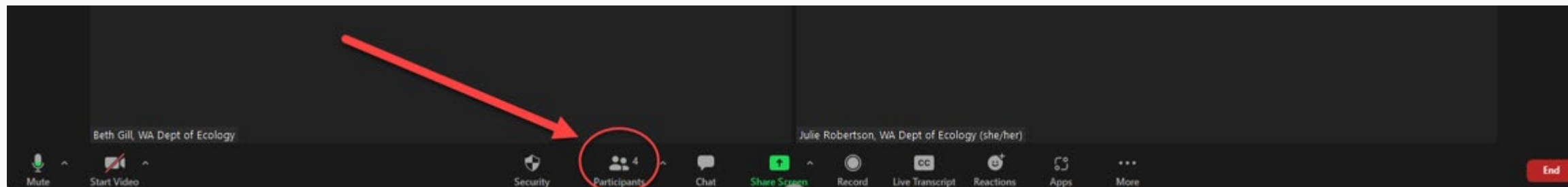
The screenshot shows a Zoom meeting window with two participants: Caleb Carlson and Molly McNutt. The Zoom toolbar at the bottom includes icons for Mute, Start Video, Security, Participants, Polls, Chat, Share Screen, Live Transcript, Reactions, Apps, and More. The Chat icon is circled in red, with a green arrow pointing to it. To the right, a chat window is open, showing a dropdown menu for "Who can see your messages?" with "Everyone" selected. A green arrow points from the Chat icon in the toolbar to the "Everyone" dropdown in the chat window. The chat window also contains the following text:

To ask the presenter questions, select *Everyone* in the drop-down.

For technical help, select *Molly McNutt* in the drop-down.

The chat window also shows a "To:" field with "Everyone" selected, a "Type message here..." input field, and a "Who can see your messages?" dropdown menu.

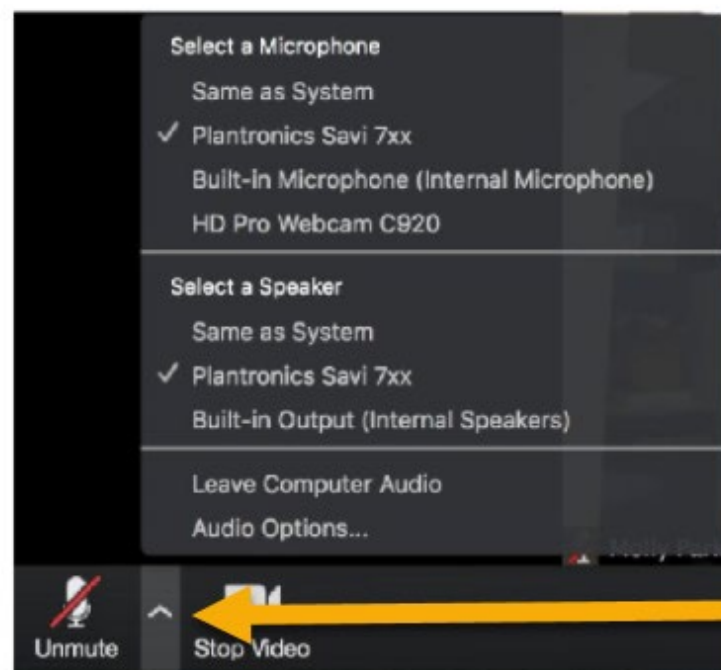
Zoom Functions: Rename to Add Your Affiliation



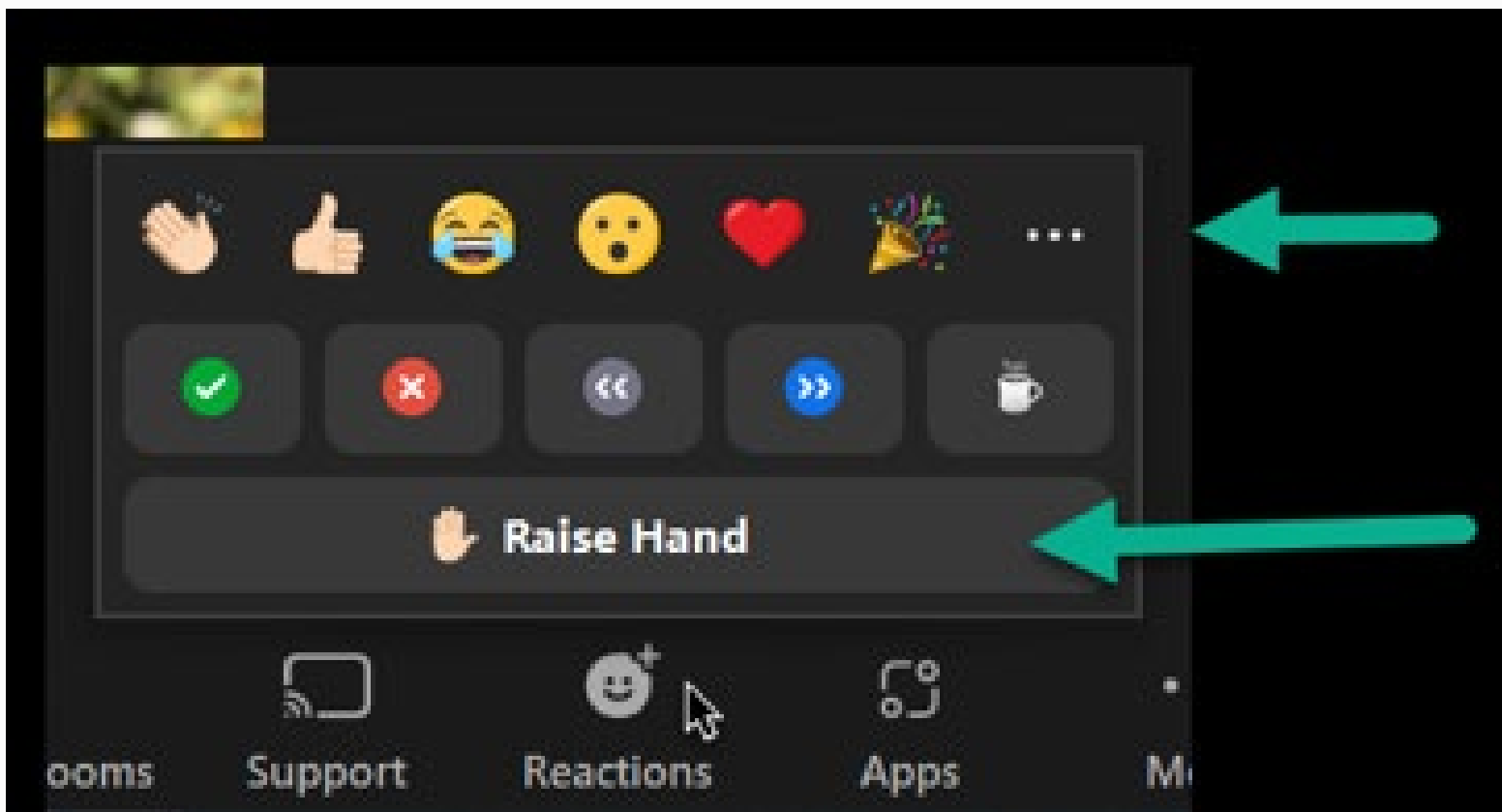
Zoom Functions: Audio Settings

Mute/Unmute & Audio Settings

You can mute and unmute your microphone. If you click on the arrow next to the mute button (bottom left main Zoom screen), you have additional options for audio settings. You can change your microphone, leave the computer audio or access the audio options.



Zoom Functions: Raising Your Hand





Solid Waste Advisory Committee Meeting

May 14, 2025

Agenda

Solid Waste Advisory Committee Meeting

May 14, 2025 | 9:30 a.m. – 11:25 a.m.

Call to Order & Zoom Meeting Instructions

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

SWAC Update

9:35 a.m. | 5 minutes | Troy Lautenbach (Chair), Jay Blazey (Vice Chair)

Ecology Updates

9:40 a.m. | 5 minutes | Peter Lyon, Dept. of Ecology SWM

Ecology Legislative Session Recap

9:45 a.m. | 25 minutes | Julie Robertson & Janine Bogar,
Dept. of Ecology SWM

Legislative Session Recap and Interim Goals

10:10 a.m. | 40 minutes

- Zero Waste Washington – Heather Trim, Executive Director
- Northwest Product Stewardship Council – McKenna Morrigan, Seattle Public Utilities

Survey Results

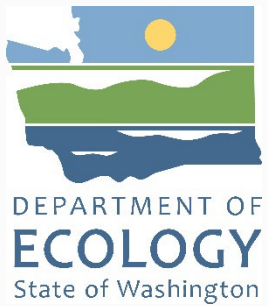
10:50 a.m. | 20 minutes | Caleb Carlson & Chery Sullivan, Dept. of Ecology SWM

Member Updates & Roundtable

11:10 a.m. | 15 minutes | Troy Lautenbach (Chair)

Adjourn

11:25 a.m.



SWAC Update

Troy Lautenbach (Chair)



Ecology Update

Peter Lyon, SWM Program Manager

Agenda

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Department of Ecology SWM

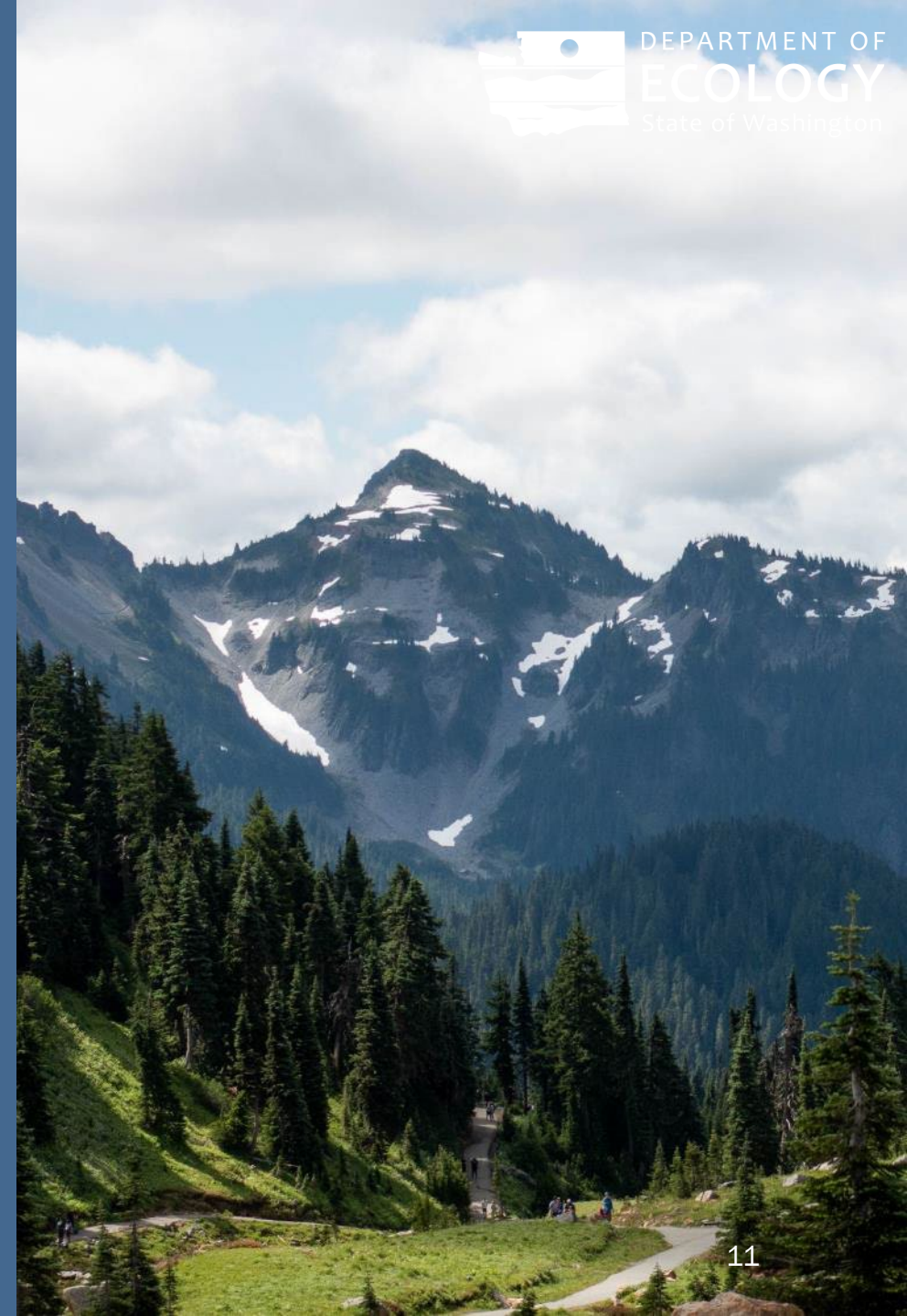


Julie Robertson
Legislative Coordinator



Janine Bogar
Program Planner

May 14, 2025





SWAC Legislative Update

May 14, 2025

Julie Robertson
Legislative & Policy Planner
jrob461@ecy.wa.gov

Janine Bogar
Program Planner
jabo461@ecy.wa.gov



SWM Bills

1154	Solid Waste Handling
1293	Littering/Bag Ban Changes
1497	Improving Organics Outcomes
5033	Testing Biosolids for PFAS
5175	Solar Panel Takeback and Stewardship Program <i>Signed by the Governor on 4/22</i>
5284	Recycling Reform Act

1154 SW Handling - Rep. Duerr

Ecology & JHDs get new authority

- To enforce rules and permit compliance
- At permitted solid waste facilities

Requires rulemaking to update:

- Solid waste handling standards
- MSW criteria



1293 Littering – Rep. Klicker

- Increases penalty for littering
- Delays from 2026 to 2028:
 - Increase in carryout bag thickness
- More time for Legislature to consider Commerce report



1497 Organics – Rep. Doglio

Creates new requirements for:

- Collection bins, lids, and labeling
- Multifamily residential organic material services
- Business organic material collection services

Ecology will provide:

- Technical assistance
- List of businesses likely to be impacted



5033 Biosolids – Sen. Wilson

Establishes PFAS sampling requirements for biosolids

Requires facilities to:

- Sample Jan. 2027–Jun. 2028
- Report results to Ecology

Ecology will:

- Develop sampling guidance
- Convene advisory committee
- Report to legislature July 2029



5175 PV Modules – Sen. Shewmake

- Delays the *PV Module Stewardship and Takeback Program*
- Continue solar panels sales in WA
- Advisory committee
- Dec. 2028 - Report to the legislature with recommendations
- Effective date June 30, 2025



Recycling Reform Act SB 5284

What it will do:

- Provide reduced-rate recycling service to all WA residents, statewide
 - At least 90% in 2032
- Use statewide recycling lists and current service providers
- Educate on how to recycle right
- Provide transparency on responsible end-markets
- Fund infrastructure improvements
- Grow reusable packaging through \$5M annual grant



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How does the RRA Work?

DEPARTMENT OF
ECOLOGY
State of Washington



Producer
Responsibility
Organization



Ecology
oversight



Advisory Council



Recycling
service
providers

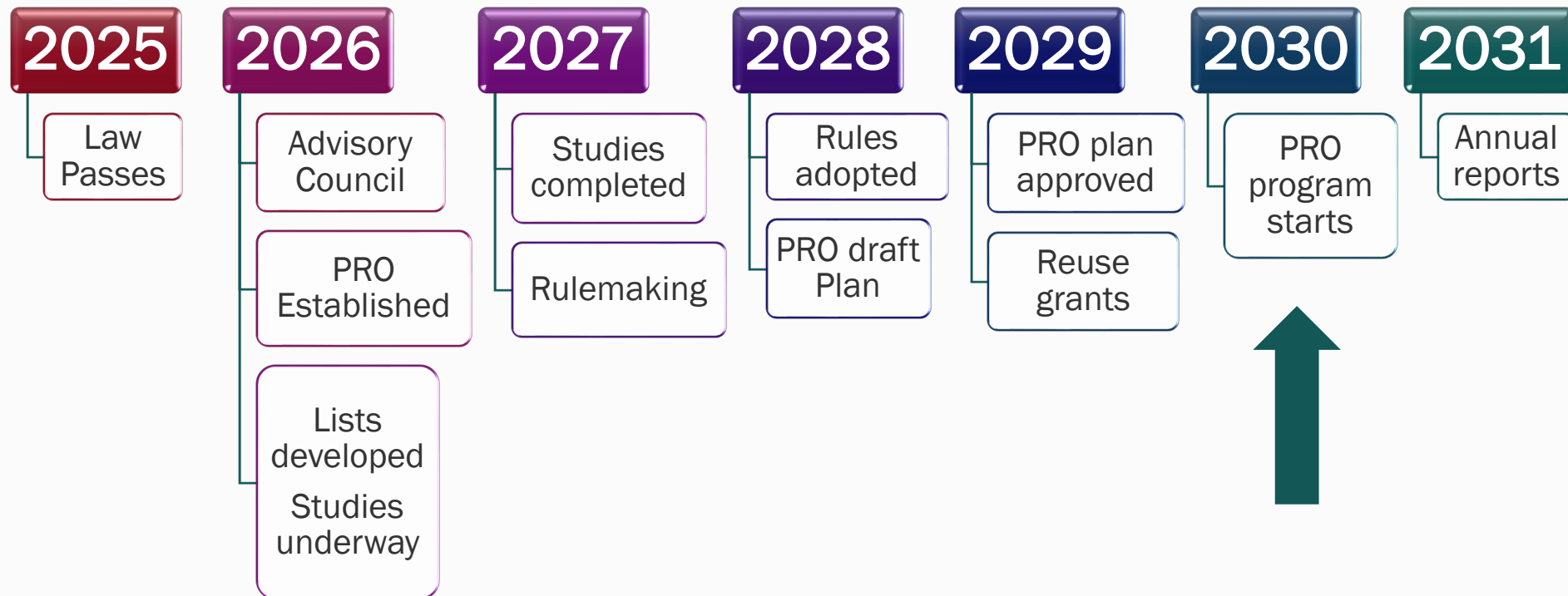


Local
governments



Residents

Recycling Reform Act Timeline:



SWM FYI Bills

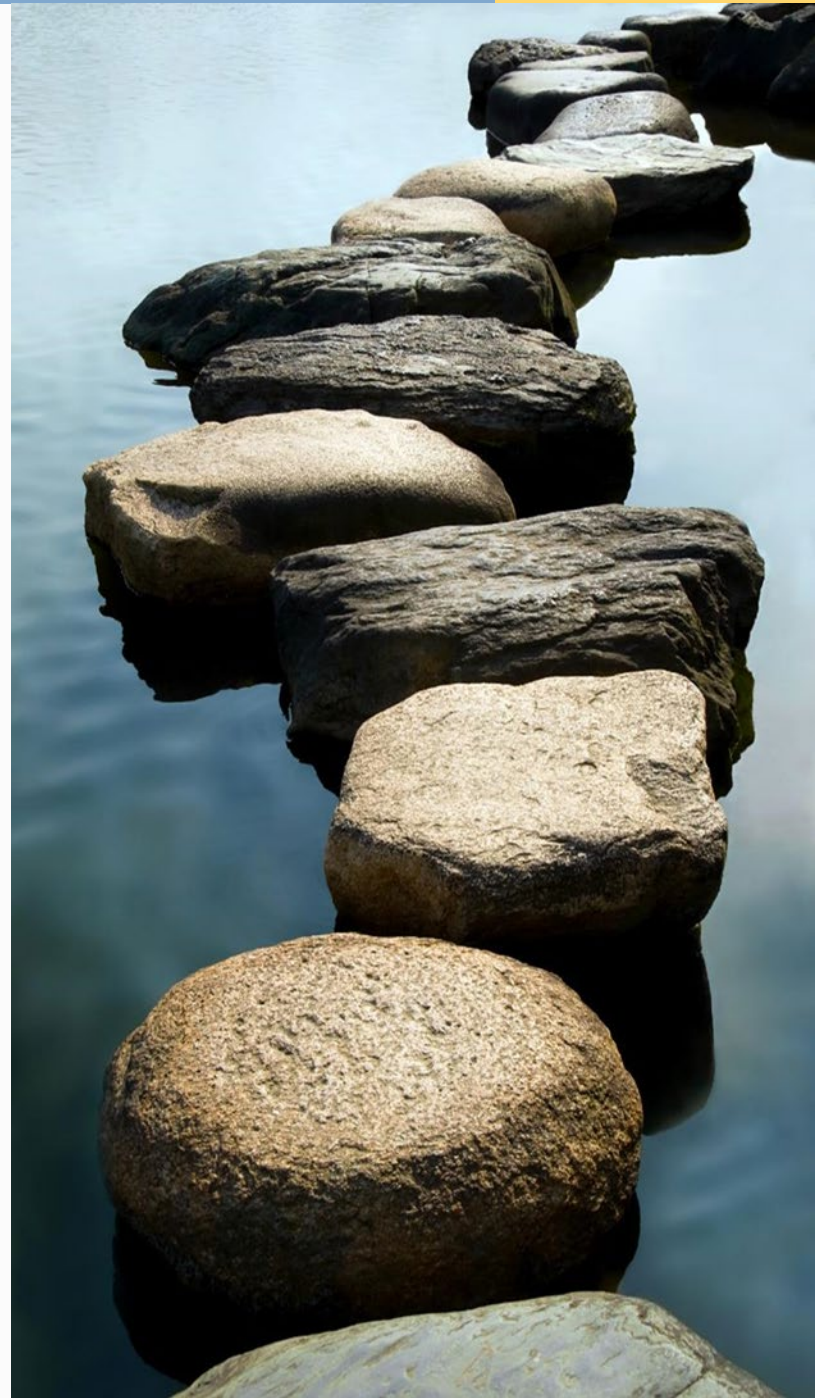
1422	Modifying the drug take-back program <i>Modifies annual operating fee charged by DOH, and requires review by JLARC of DOH fee-setting authority</i>
1462	Reducing greenhouse gas emissions <i>Phases in prohibitions on certain HFCs, and directs Ecology to establish a refrigerant transition task force</i>
1483	Digital Electronics Right to Repair <i>Requires manufacturers to make available certain parts and documents for maintenance and repair</i>
5680	Mobility Equipment Right to Repair <i>Makes available documents, parts, and tools for mobility devices to independent repairers and owners</i>

End of Session 2025

- Interim planning
- Enacting legislation webpage

Implementation Planning

- Studies
- Reports
- Rules



[Waste & Toxics](#) > [Reducing & recycling waste](#) > [Strategic policy & planning](#) > [Enacting legislation](#)

Strategic policy & planning

[Recycling Development Center](#)[Contamination reduction](#)[Enacting legislation](#)[2023 legislation](#)[2022 legislation](#)[2021-legislation](#)[2018-2020-legislation](#)

Enacting waste and recycling legislation

We are implementing several laws passed by the Washington Legislature in recent years that include programs to address plastic products and packaging, improve organic materials management and recycling programs, reduce food waste, and establish a paint and a battery stewardship program.

Laws from the 2024 session

House Bill 1185: Lighting products

HB 1185 bans the sale of certain mercury-containing lights beginning Jan. 1, 2029, and allows in-state distributors, wholesalers, and retailers to sell any existing stock until July 1, 2029. This bill extends the mercury-containing lights collection and recycling program, that was scheduled to sunset in 2025, until Jan. 1, 2035. This bill ends the consumer fee added to the purchase of each mercury-containing



Questions



Julie Robertson
Legislative & Policy Planner
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Janine Bogar
Program Planner
jabo461@ecy.wa.gov



Legislative Session Recap & Interim Goals

May 14, 2025

Zero Waste Washington



Heather Trim
Executive Director

May 14, 2025





Zero Waste Policy

Ecology SWAC

Zero Waste Washington

May 14, 2025

Heather Trim

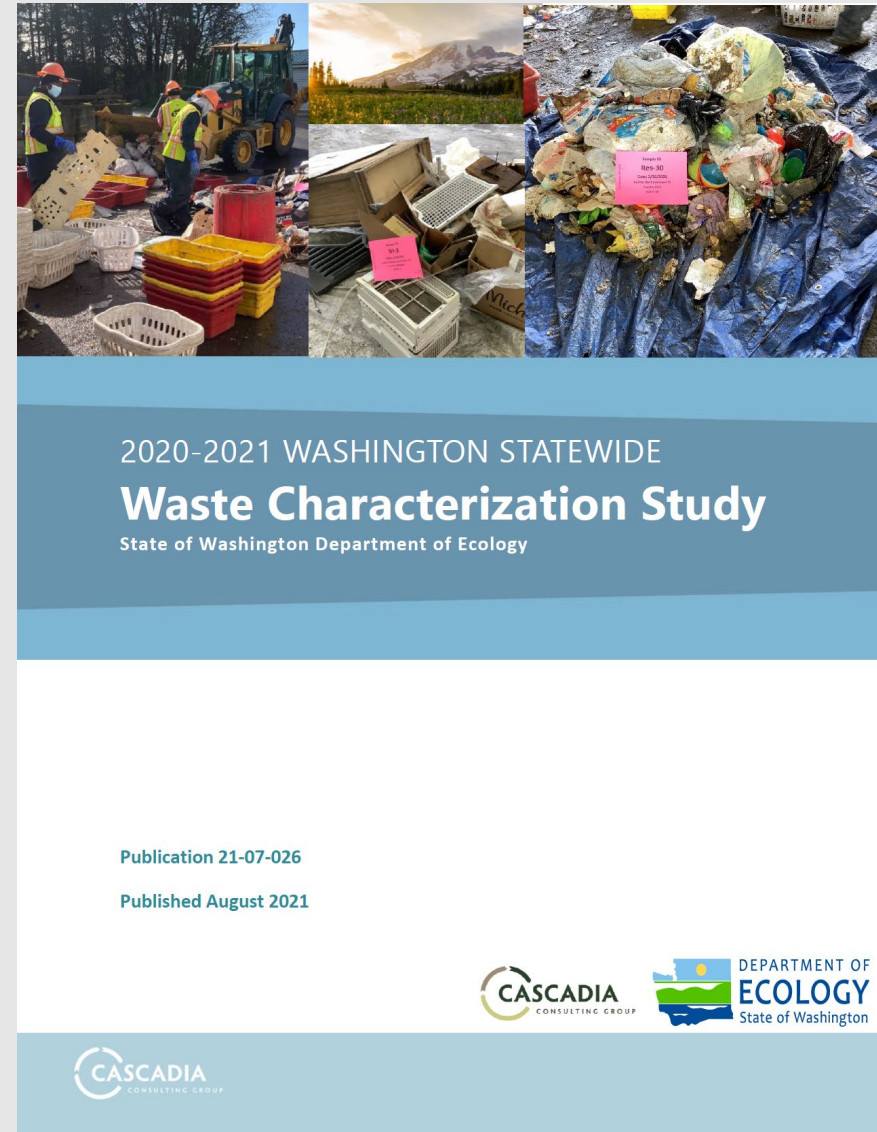
The background of the slide features a photograph of the Oregon State Capitol dome at the top center. To the right, there are large, blooming cherry blossom trees. A green rectangular box is overlaid on the left side of the image, containing text.

2025

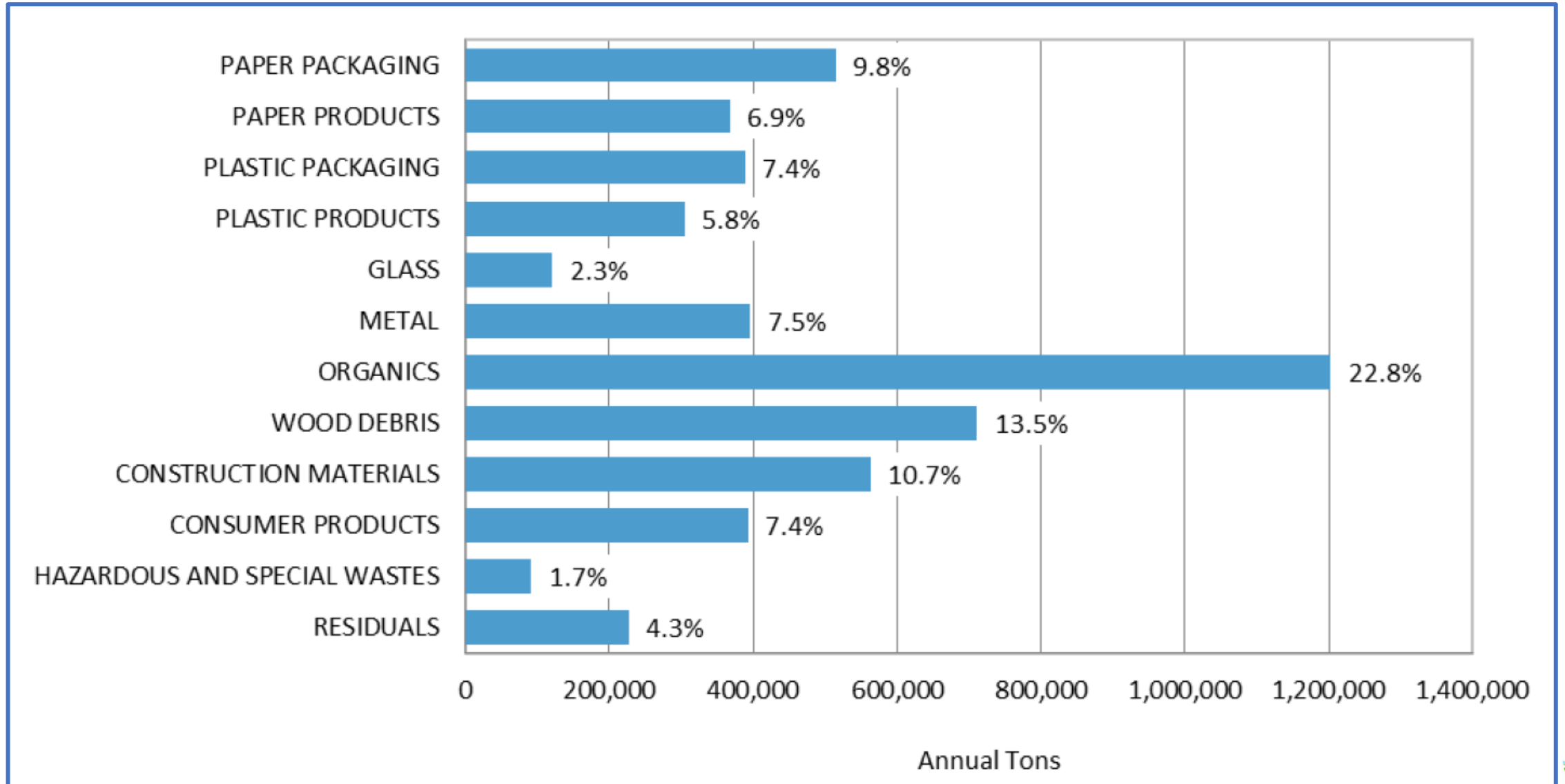
- Recycling Reform Act (**SB 5284**)
- Right to repair – electronics and appliances (**HB 1483**)
- Right to repair – wheelchair (**SB 5680**)
- Organics (food and yard waste) (**HB 1497**)
- Refrigerant gases (SB 5438 / **HB 1462**)
- PFAs in biosolids (**SB 5033**)
- Landfill permits (**HB 1154**)
- Litter penalty (**HB 1293**)
- Drug takeback \$\$ (**HB 1422**)
- Lead in cookware (**SB 5628**)

Legislative
Recap

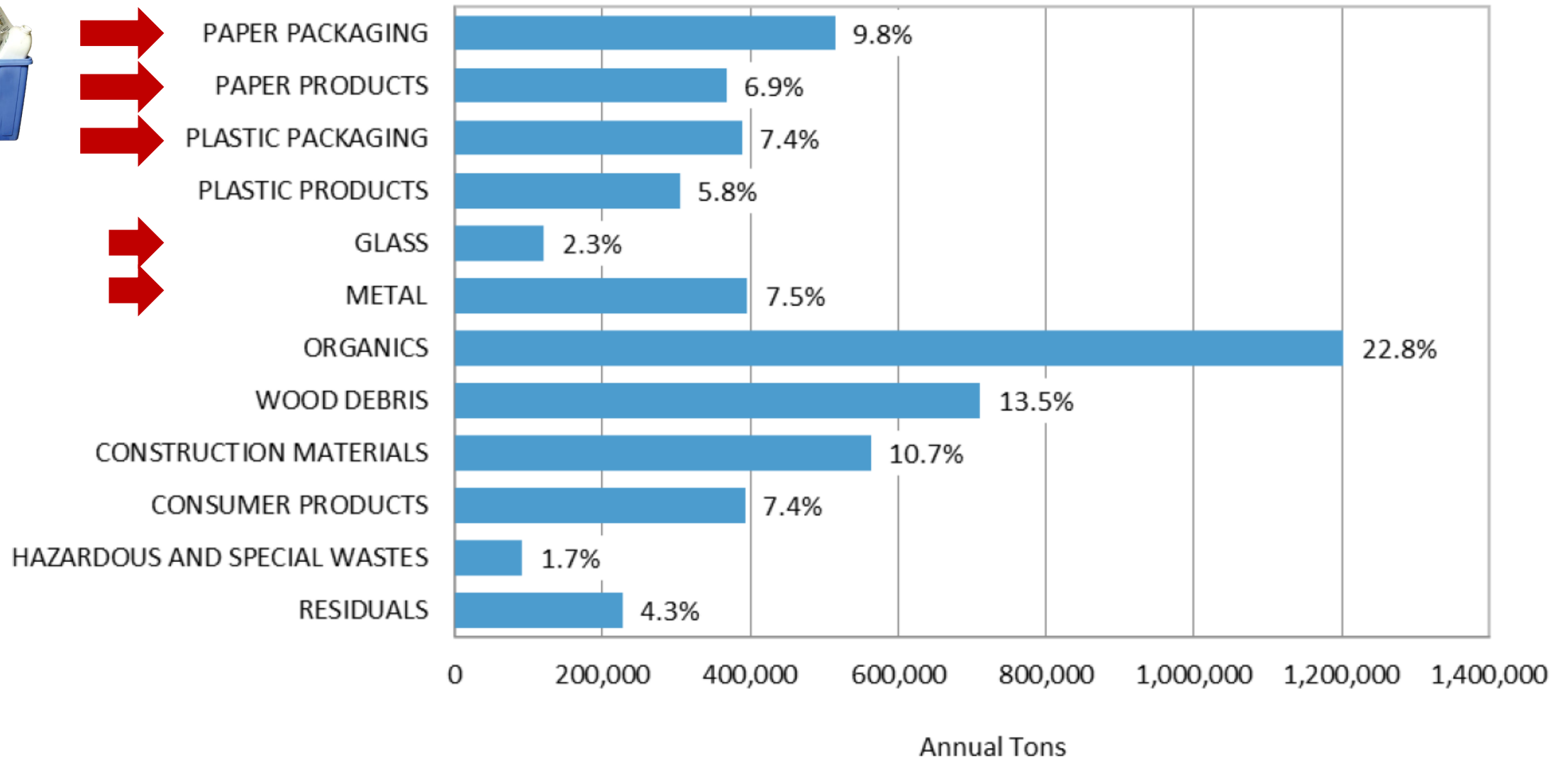
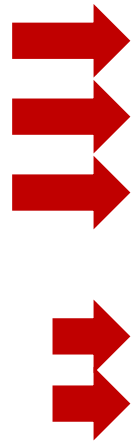
2020-2021 Washington Statewide Waste Characterization Study



Overall Statewide Disposed Waste Stream Stream Composition by Material Class (2020): Packaging



Overall Statewide Disposed Waste Stream Stream Composition by Material Class (2020): Packaging



Overall Statewide Disposed Waste Stream Stream Composition by Material Class (2020): Packaging



PAPER PACKAGING

9.8%

PAPER PRODUCTS

6.9%

PLASTIC PACKAGING

7.4%

PLASTIC PRODUCTS

5.8%

2025 (pending)

ORG

22.8%

WOOD DEBRIS

13.5%

CONSTRUCTION MATERIALS

10.7%

CONSUMER PRODUCTS

7.4%

HAZARDOUS AND SPECIAL WASTES

1.7%

RESIDUALS

4.3%

0 200,000 400,000 600,000 800,000 1,000,000 1,200,000 1,400,000

Annual Tons

Material	Est. Percent	+ / -	Est. Tons	Tons + / -
ORGANICS	22.8%	3.2%	1,201,924	170,265
Edible Food Waste- Vegetative	6.4%	0.7%	336,564	37,473
Inedible Food Waste- Vegetative	4.8%	0.9%	250,860	45,202
Edible Food Waste- Meats/Fats/Oils	2.1%	0.4%	109,571	20,373
Inedible Food Waste- Meats/Fats/Oils	0.5%	0.1%	23,932	7,279
Yard/Garden Waste- Leaves and Grass	2.5%	1.6%	132,218	82,141
Yard/Garden Waste- Prunings	1.1%	0.7%	57,110	35,401
Animal Manure	4.8%	1.6%	250,763	85,610
Animal Carcasses & Offal	0.0%	0.0%	2,224	2,451
Food Processing Wastes	0.2%	0.2%	11,854	11,169
R/C Organics	0.5%	0.2%	26,826	9,155
WOOD DEBRIS	13.5%	2.5%	710,919	133,162
Natural Wood	0.6%	0.6%	29,841	32,476
Treated Wood	0.5%	0.2%	28,646	10,906
Painted Wood	4.8%	1.9%	253,958	97,705
Dimensional Lumber	1.7%	0.5%	91,010	28,067
Engineered Wood	2.1%	0.6%	112,899	30,244
Pallets & Crates	1.6%	0.5%	84,991	25,885
Other Untreated Wood	0.1%	0.0%	2,906	1,600
Wood By-products	0.2%	0.1%	11,579	5,578
R/C Wood Debris	1.8%	0.7%	95,090	36,698



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**2022, 2024 &
2025 (pending)**



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Material		Est. Percent	+ / -	Est. Tons	Tons + / -
CONSUMER PRODUCTS		7.4%	1.3%	392,287	66,146
➡	Televisions - LCD	0.2%	0.1%	8,003	6,136
➡	Televisions - CRT	0.1%	0.1%	7,624	6,459
➡	Television Peripherals	0.0%	0.0%	0	0
➡	Computer Monitors - CRT	0.0%	0.0%	954	1,487
➡	Computer Monitors - LCD	0.0%	0.0%	0	0
➡	Computers	0.0%	0.0%	670	770
➡	Computer Peripherals	0.0%	0.0%	1,721	1,871
➡	Computer Printers	0.1%	0.0%	4,839	2,560
➡	Audio Equipment	0.0%	0.0%	1,026	1,445
➡	Electronic Gaming Equipment	0.0%	0.1%	1,847	2,898
➡	Other Consumer Electronics	0.3%	0.2%	14,757	8,694
	Textiles- Organic	2.4%	0.7%	125,347	35,286
	Textiles- Synthetic/Mixed/Unknown	1.2%	0.3%	62,785	15,552
	Shoes/Purses/Belts	0.3%	0.1%	14,240	4,522
	Tires & Other Rubber	0.4%	0.2%	23,594	10,749
	Furniture	1.3%	0.4%	69,255	19,431
	Mattresses	1.0%	0.9%	50,403	48,318
	R/C Consumer Products	0.1%	0.1%	5,221	5,618



E-WASTE

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2007 (needs update)



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2026 (on deck)



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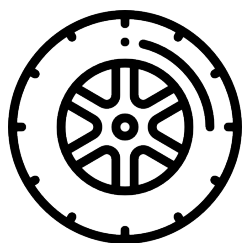


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Televisions - CRT	0.1%	0.1%	7,624	6,459
Television Peripherals	0.0%	0.0%	0	0
Computer Monitors - CRT	0.0%	0.0%	954	1,487
Computer Monitors - LCD	0.0%	0.0%	0	0
Computers	0.0%	0.0%	670	770
Computer Peripherals	0.0%	0.0%	1,721	1,871
Computer Printers	0.0%	0.0%	4,839	2,560
Audio Equipment	0.0%	0.0%	1,026	1,445
Electronic Components	0.0%	0.0%	1,847	2,898
Other Consumer Electronics	0.3%	0.2%	14,757	8,694
Textiles- Organic	2.4%	0.7%	125,347	35,286
Textiles- Synthetic/Mixed/Unknown	1.2%	0.3%	62,785	15,552
Shoes/Purses/Belts	0.3%	0.1%	14,240	4,522
Tires & Other Rubber	0.4%	0.2%	23,594	10,749
Furniture	1.3%	0.4%	69,255	19,431
Mattresses	1.0%	0.9%	50,403	48,318
R/C Consumer Products	0.1%	0.1%	5,221	5,618

2026 (on deck)

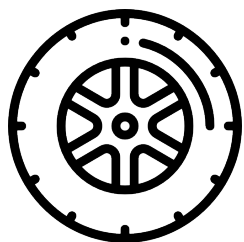


Material	Est. Percent	+ / -	Est. Tons	Tons + / -
CONSUMER PRODUCTS	7.4%	1.3%	392,287	66,146
Televisions - LCD	0.2%	0.1%	8,003	6,136
Televisions - CRT	0.1%	0.1%	7,624	6,459
Television Peripherals	0.0%	0.0%	0	0
Computer Monitors - CRT	0.0%	0.0%	954	1,487
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Computers	0.0%	0.0%	670	770
Computer Peripherals	0.0%	0.0%	1,721	1,871
Computer Printers	0.1%	0.0%	4,839	2,560
Audio Equipment	0.0%	0.0%	1,026	1,445
Electronic Gaming Equipment	0.0%	0.1%	1,847	2,898
Other Consumer Electronics	0.3%	0.2%	14,757	8,694
Textiles- Organic	2.4%	0.7%	125,347	35,286
Textiles- Synthetic/Mixed/Unknown	1.2%	0.3%	62,785	15,552
Shoes/Purses/Belts	0.3%	0.1%	14,240	4,522
Tires & Other Rubber	0.4%	0.2%	23,594	10,749
Furniture	1.3%	0.4%	69,255	19,431
Mattresses	1.0%	0.9%	50,403	48,318
R/C Consumer Products	0.1%	0.1%	5,221	5,618



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CONSUMER PRODUCTS	7.4%	1.3%	392,287	66,146
Televisions - LCD	0.2%	0.1%	8,003	6,136
Televisions - CRT	0.1%	0.1%	7,624	6,459
Television Peripherals	0.0%	0.0%	0	0
Computer Monitors - CRT	0.0%	0.0%	954	1,487
Computer Monitors - LCD	0.0%	0.0%	0	0
Computers	0.0%	0.0%	670	770
Computer Peripherals	0.0%	0.0%	1,721	1,871
Computer Printers	0.0%	0.0%	4,839	2,560
Audio Equipment	0.0%	0.0%	1,026	1,445
Electronic Gaming Equipment	0.1%	0.1%	1,847	2,898
Other Consumer Electronics	0.5%	0.2%	14,757	8,694
Textiles- Organic	2.4%	0.7%	125,347	35,286
Textiles- Synthetic/Mixed/Unknown	1.2%	0.3%	62,785	15,552
Shoes/Purses/Belts	0.3%	0.1%	14,240	4,522
Tires & Other Rubber	0.4%	0.2%	23,594	10,749
Furniture	1.3%	0.4%	69,255	19,431
Mattresses	1.0%	0.9%	50,403	48,318
R/C Consumer Products	0.1%	0.1%	5,221	5,618

On-deck



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Televisions - CRT	0.1%	0.1%	7,624	6,459
Television Peripherals	0.0%	0.0%	0	0
Computer Monitors - CRT	0.0%	0.0%	954	1,487
Computer Monitors - LCD	0.0%	0.0%	0	0
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Computer Peripherals	0.0%	0.0%	1,721	1,871
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Mattresses	1.0%	0.9%	50,403	48,318
R/C Consumer Products	0.1%	0.1%	5,221	5,618



Material		Est. Percent	+ / -	Est. Tons	Tons + / -
HAZARDOUS AND SPECIAL WASTES		1.7%	0.5%	91,302	26,126
➡	Pesticides	0.0%	0.0%	112	131
➡	HID/UV/Germicidal Lamps	0.0%	0.0%	257	352
➡	Compact Florescent Lamps	0.0%	0.0%	773	646
	Florescent Tubes	0.0%	0.0%	166	231
	Water-based Paint	0.1%	0.1%	4,997	4,276
➡	Solvent-based Adhesives/Glues	0.0%	0.0%	382	275
➡	Water-based Adhesives/Glues	0.0%	0.0%	345	193
	Oil-based Paint	0.1%	0.2%	5,535	8,185
➡	Lacquer/Varnish/Urethane Coatings/Stains	0.0%	0.0%	55	75
➡	Field & Lawn Markings	0.0%	0.0%	0	0
➡	Primers/Sealings/Coatings	0.0%	0.0%	547	624
➡	Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
➡	Solvents	0.0%	0.1%	1,945	2,925
	Caustic Cleaners	0.0%	0.0%	612	646
	Dry-cell Batteries- Single Use	0.0%	0.0%	1,885	890
	Dry-cell Batteries- Rechargeable	0.0%	0.0%	702	760
	Wet-cell Batteries	0.0%	0.0%	0	0
➡	Gasoline/Kerosene	0.0%	0.0%	42	68
➡	Motor Oil	0.0%	0.0%	257	347
➡	Antifreeze	0.0%	0.0%	351	464
➡	Other Vehicle Fluids	0.0%	0.0%	0	0
➡	Oil Filters	0.0%	0.0%	2,240	1,385
	Explosives	0.0%	0.0%	0	0
	Medical Wastes	0.9%	0.4%	45,872	22,696
	Sharps	0.0%	0.0%	159	187
	Pharmaceuticals & Vitamins	0.1%	0.1%	7,262	5,448
➡	Other Cleaners/Chemicals	0.0%	0.0%	1,130	1,286
	Personal Care Products	0.2%	0.1%	11,758	6,153
	Other Potentially Hazardous Wastes	0.1%	0.0%	3,149	1,450



Material		Est. Percent	+ / -	Est. Tons	Tons + / -
HAZARDOUS AND SPECIAL WASTES		1.7%	0.5%	91,302	26,126
→	Pesticides	0.0%	0.0%	112	131
→	HID/UV/Germicidal Lamps	0.0%	0.0%	257	352
→	Compact Florescent Lamps	0.0%	0.0%	773	646
	Florescent Tubes	0.0%	0.0%	166	231
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→	Field & Lawn Markings	0.0%	0.0%	0	0
→	Primers/Sealings/Coatings	0.0%	0.0%	547	624
→	Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
→	Solvents				2,925
	Caustic Cleaners				646
	Dry-cell Batteries- Single Use				890
	Dry-cell Batteries- Rechargeable				760
	Wet-cell Batteries				0
→	Gasoline/Kerosene	0.0%	0.0%	42	68
→	Motor Oil	0.0%	0.0%	257	347
→	Antifreeze	0.0%	0.0%	351	464
→	Other Vehicle Fluids	0.0%	0.0%	0	0
→	Oil Filters	0.0%	0.0%	2,240	1,385
	Explosives	0.0%	0.0%	0	0
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On-deck



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Lacquer/Varnish/Urethane Coatings/Stains	0.0%	0.0%	55	75
Field & Lawn Markings	0.0%	0.0%	0	0
Primers/Sealings/Coatings	0.0%	0.0%	547	624
Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
Solvents	0.0%	0.1%	1,945	2,925
Caustic Cleaners	0.0%	0.0%	612	646
Dry-cell Batteries- Single Use	0.0%	0.0%	1,885	890
Dry-cell Batteries- Rechargeable	0.0%	0.0%	702	760
Wet-cell Batteries	0.0%	0.0%	0	0
Gasoline/Kerosene	0.0%	0.0%	42	68
Motor Oil	0.0%	0.0%	257	347
Antifreeze	0.0%	0.0%	351	464
Other Vehicle Fluids	0.0%	0.0%	0	0
Oil Filters	0.0%	0.0%	2,240	1,385
Explosives	0.0%	0.0%	0	0
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Field & Lawn Markings	0.0%	0.0%	0	0
Primers/Sealings/Coatings	0.0%	0.0%	547	624
Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
Solvents			1,945	2,925
Caustic Cleaners			612	646
Dry-cell Batteries- Single Use			1,885	890
Dry-cell Batteries- Rechargeable			702	760
Wet-cell Batteries			0	0
Gasoline/Kerosene	0.0%	0.0%	42	68
Motor Oil	0.0%	0.0%	257	347
Antifreeze	0.0%	0.0%	351	464
Other Vehicle Fluids	0.0%	0.0%	0	0
Oil Filters	0.0%	0.0%	2,240	1,385
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Sharps	0.0%	0.0%	159	187
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Other Cleaners/Chemicals	0.0%	0.0%	1,130	1,286
Personal Care Products	0.2%	0.1%	11,758	6,153
Other Potentially Hazardous Wastes	0.1%	0.0%	3,149	1,450

2019



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HAZARDOUS AND SPECIAL WASTES	1.7%	0.5%	91,302	26,126
Pesticides	0.0%	0.0%	112	131
HID/UV/Germicidal Lamps	0.0%	0.0%	257	352
Compact Florescent Lamps	0.0%	0.0%	773	646
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Water-based Adhesives/Glues	0.0%	0.0%	345	193
Oil-based Paint	0.1%	0.2%	5,535	8,185
Lacquer/Varnish/Urethane Coatings/Stains	0.0%	0.0%	55	75
Field & Lawn Markings	0.0%	0.0%	0	0
Primers/Sealings/Coatings	0.0%	0.0%	547	624
Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
Solvents	0.0%	0.1%	1,945	2,925
Caustic Cleaners	0.0%	0.0%	612	646
Dry-cell Batteries- Single Use	0.0%	0.0%	1,885	890
Dry-cell Batteries- Rechargeable	0.0%	0.0%	702	760
Wet-cell Batteries	0.0%	0.0%	0	0
Gasoline/Kerosene	0.0%	0.0%	42	68
Motor Oil	0.0%	0.0%	257	347
Antifreeze	0.0%	0.0%	351	464
Other Vehicle Fluids	0.0%	0.0%	0	0
Oil Filters	0.0%	0.0%	2,240	1,385
Explosives	0.0%	0.0%	0	0
Medical Wastes	0.9%	0.4%	45,872	22,696
Sharps	0.0%	0.0%	159	187
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Other Potentially Hazardous Wastes	0.1%	0.0%	3,149	1,450



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Water-based Adhesives/Glues	0.0%	0.0%	345	193
Oil-based Paint	0.1%	0.2%	5,535	8,185
Lacquer/V				75
Field & La				0
Primers/S				24
Water Rej				40
Solvents				25
Caustic Cl				46
Dry-cell B				90
Dry-cell B				50
Wet-cell B				0
Gasoline/				58
Motor Oil				47
Antifreeze	0.0%	0.0%	351	464
Other Vehicle Fluids	0.0%	0.0%	0	0
Oil Filters	0.0%	0.0%	2,240	1,385
Explosives	0.0%	0.0%	0	0
Medical Wastes	0.9%	0.4%	45,872	22,696
Sharps	0.0%	0.0%	159	187
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Personal Care Products	0.2%	0.1%	11,758	6,153
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**2010,
updated 2024**



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Oil-based Paint	0.1%	0.2%	5,535	8,185
Lacquer/Varnish/Urethane Coatings/Stains	0.0%	0.0%	55	75
Field & Lawn Markings	0.0%	0.0%	0	0
Primers/Sealings/Coatings	0.0%	0.0%	547	624
Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
Solvents	0.0%	0.1%	1,945	2,925
Caustic Cleaners	0.0%	0.0%	612	646
→ Dry-cell Batteries- Single Use	0.0%	0.0%	1,885	890
→ Dry-cell Batteries- Rechargeable	0.0%	0.0%	702	760
→ Wet-cell Batteries	0.0%	0.0%	0	0
Gasoline/Kerosene	0.0%	0.0%	42	68
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2023

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Gasoline/Kerosene	0.0%	0.0%	42	68
Motor Oil	0.0%	0.0%	257	347
Antifreeze	0.0%	0.0%	351	464
Other Vehicle Fluids	0.0%	0.0%	0	0
Oil Filters	0.0%	0.0%	2,240	1,385
Explosives	0.0%	0.0%	0	0
Medical Wastes	0.9%	0.4%	45,872	22,696
Sharps	0.0%	0.0%	159	187
Pharmaceuticals & Vitamins	0.1%	0.1%	7,262	5,448
Other Cleaners/Chemicals	0.0%	0.0%	1,130	1,286
Personal Care Products	0.2%	0.1%	11,758	6,153
Other Potentially Hazardous Wastes	0.1%	0.0%	3,149	1,450



Material	Est. Percent	+ / -	Est. Tons	Tons + / -
HAZARDOUS AND SPECIAL WASTES	1.7%	0.5%	91,302	26,126
Pesticides	0.0%	0.0%	112	131
HID/UV/Germicidal Lamps	0.0%	0.0%	257	352
Compact Florescent Lamps	0.0%	0.0%	773	646
Florescent Tubes	0.0%	0.0%	166	231
Water-based Paint	0.1%	0.1%	4,997	4,276
Solvent-based Adhesives/Glues	0.0%	0.0%	382	275
Water-based Adhesives/Glues	0.0%	0.0%	345	193
Oil-based Paint	0.1%	0.2%	5,535	8,185
Lacquer/Varnish/Urethane Coatings/Stains	0.0%	0.0%	55	75
Field & Lawn Markings	0.0%	0.0%	0	0
Primers/Sealings/Coatings	0.0%	0.0%	547	624
Water Repellents & Waterproofers	0.0%	0.0%	770	1,140
Solvents			1,945	2,925
Caustic Cleaners			612	646
Dry-cell Batteries- Single Use			1,885	890
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2018





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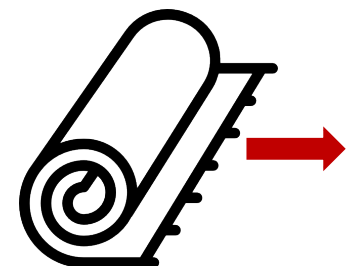
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PLASTIC PRODUCTS	5.8%	0.9%	304,271	45,757
#1 PETE Plastic Products	0.0%	0.0%	59	65
#2 HDPE Plastic Products:	0.0%	0.0%	244	244
#3 PVC Plastic Products	0.0%	0.0%	67	78
#4 LDPE Plastic Products	0.0%	0.0%	5	7
#5 PP Plastic Products	0.0%	0.0%	98	61
#6 PS Plastic Products	0.0%	0.0%	840	215
#7 Other/Unknown Plastic Products	1.2%	0.2%	61,202	12,525
PLA Compostable Products	0.0%	0.0%	385	181
Plastic Garbage Bags	1.3%	0.1%	67,626	7,671
Plastic Non-bag Film Products	0.4%	0.2%	22,663	9,127
Bulky Rigid Plastic Products	1.9%	0.7%	98,194	34,318
R/C Plastic Products	1.0%	0.3%	52,888	18,023

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Material	Est. Percent	+ / -	Est. Tons	Tons + / -
CONSTRUCTION MATERIALS	10.7%	2.8%	563,015	145,488
Plastic Lumber	0.6%	0.8%	31,587	40,139
Insulation	0.4%	0.3%	22,637	13,873
Asphalt Paving	0.0%	0.0%	1,964	2,249
Concrete	1.3%	0.7%	66,151	37,738
Drywall	3.2%	2.1%	167,785	111,154
Carpet	1.0%	0.4%	51,912	22,314
Carpet Padding	0.3%	0.2%	14,336	8,833
Soil, Rocks, & Sand	0.5%	0.2%	27,517	9,919
Asphalt Roofing	1.7%	1.5%	92,083	78,493
Plastic Floor Covering	0.0%	0.0%	563	566
Ceramics & Brick	0.4%	0.2%	22,006	11,745
R/C Construction Materials	1.2%	0.4%	64,474	21,547



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On-deck

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Does not include limited purpose landfills

Material	Est. Percent	+ / -	Est. Tons	Tons + / -
METAL	7.5%	1.2%	396,066	64,793
Aluminum Beverage Cans	0.4%	0.1%	19,429	2,951
Aluminum Foil/Containers	0.2%	0.0%	10,337	1,904
Other Aluminum	0.1%	0.0%	3,359	2,110
Other Non-ferrous Metal	0.2%	0.1%	12,053	6,277
Food Cans - Tinned	0.4%	0.1%	22,388	2,879
Food Cans - Coated	0.0%	0.0%	881	296
White Goods	0.3%	0.2%	13,601	9,267
Other Ferrous Metal	3.3%	1.0%	174,364	50,779
R/C Metal	2.6%	0.6%	139,654	32,142

Material	Est. Percent	+ / -	Est. Tons	Tons + / -
RESIDUALS	4.3%	1.2%	226,774	62,891
Disposable Diapers	3.1%	1.2%	161,101	61,990
Ash	0.0%	0.0%	1,574	2,075
Dust	0.0%	0.0%	415	234
Fines/Sorting Residues	1.0%	0.2%	53,953	10,746
Sludges & Other Special Industrial Wastes	0.2%	0.2%	9,731	11,004

**Table 13: Overall Statewide Disposed Waste Stream
Fifteen Most Prevalent Material Types, 2020-2021**

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
Total for Top Materials	51.5%	2,714,561

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Thank You!

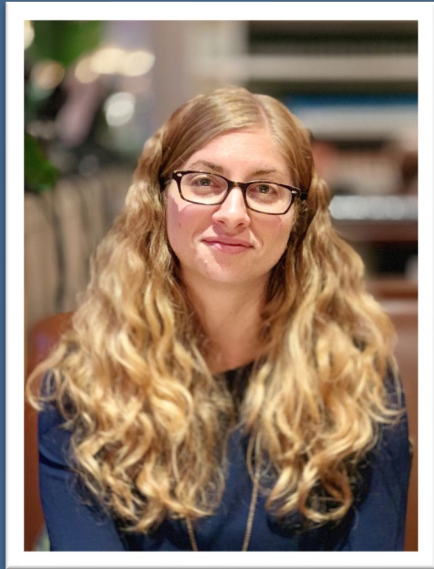
Heather Trim

heather@zerowastewashington.org

Zero Waste Washington

www.zerowastewashington.org

Northwest Product Stewardship Council



McKenna Morigan
Seattle Public Utilities
May 14, 2025





NWPSC Legislative Preview for EPR

State SWAC Meeting | May 14, 2025



**Northwest Product
Stewardship Council**




Existing EPR programs in Washington


**FREE
RECYCLING**



**COMPUTERS, TVs
& MONITORS**

 **E-CYCLE**
ecyclewa.org


**RECYCLE
UP TO 10
FLUORESCENT TUBES
CFL or HID LIGHTS
AT NO CHARGE
THROUGHOUT
WASHINGTON
STATE**

 **LightRecycle**
WASHINGTON

WASHINGTON

 **PaintCare™**
RECYCLING MADE EASY

**Recycle
WITH PaintCare**



Safe Medication Return

Free • Convenient • Safe • Environmentally Responsible



2025 Legislative Session

EPR related bills in 2025

- ✓ **SB 5284 Recycling Reform Act** (EPR for Packaging & Paper Products)
- ✓ **SB 5175 Delaying Solar Panel Stewardship** (*Agency Request*)
- ✓ **HB 1422 Amending Safe Medication Return** (*Agency Request*)
- ✗ **HB 1607 / SB 5502 Recycling Refund Act** (Bottle Bill / DRS for Beverage Containers)
- ✗ **HB 1420 Extended Producer Responsibility for Textiles**
- ✗ **HB 1901 Extended Producer Responsibility for Mattresses**

and also:

- ✓ **HB 1483 Right to Repair – Digital Electronic Products**
- ✓ **SB 5680 Right to Repair – Mobility Devices**

Recycling Reform Act (EPR for PPP)

SB 5284 EPR for Packaging & Paper Products



- Sponsors:
- Rep. Liz Berry & Sen. Liz Lovelett



- Recycling to all residents with curbside garbage – with service funding from producers, starting in 2030

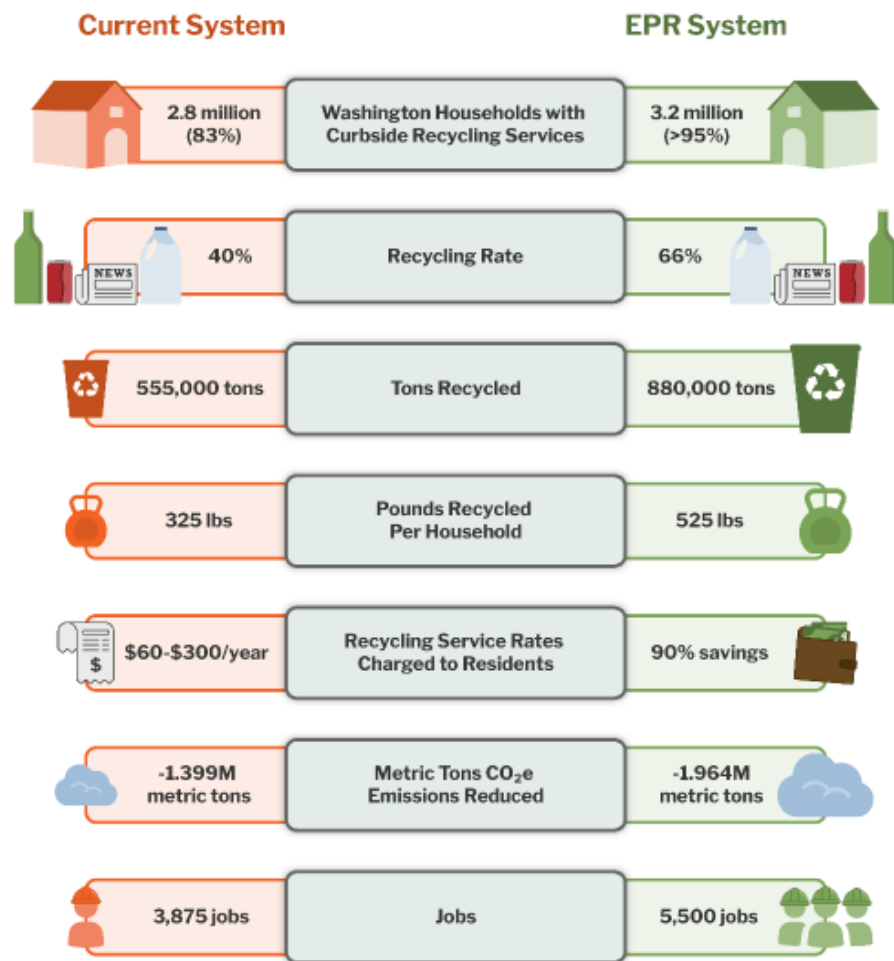


- Increases recycling & reuse
- Materials must be sent to verified responsible markets

Recycling Reform Act (EPR for PPP)

Expected impacts

- Statewide list of recyclables, reducing confusion.
- Curbside recycling service for all households with curbside garbage service - *an increase of half a million homes.*
- Reduces recycling bills by 90% by 2032.
- Boosts residential recycling rate from 40% to 66%
- Reduces materials going to the landfill and provides more living wage jobs.
- Lowers annual GHG emissions by 565,000 MT CO₂e.
- \$5 million annually towards reuse grant program.





Recycling Reform Act Timeline

- **January 2026: Ecology initiates rulemaking**
- **January 1, 2026: Advisory Council is established**
- January 31, 2026: Service providers must register with Ecology (annual)
- March 1, 2026: PRO must register with Ecology
- July 1, 2026: Producers must be a member of a PRO or be an individual producer that registers as a PRO
- September 1, 2026: PRO must pay One Time Fee (*thereafter May 1st annual fee payment*)
- **October 1, 2026: Ecology must develop initial Statewide Collection Lists**
- **December 31, 2026: Ecology must complete a preliminary Needs Assessment**
- **December 31, 2027: Ecology must complete a Statewide Needs Assessment**
- **June 2028: Ecology adopts rules**
- **October 1, 2028: PRO must submit a Plan** (*Ecology may only approve after 2029 Legislative Session*)
- **January 15, 2029: Ecology completes the economic analysis of the draft PRO plan**
- March 1, 2029: Producers not a member of a registered PRO may not introduce their products into the state
- **January 1, 2030: Plan must be implemented** (*or within six months of plan approval*). *PRO must reimburse service providers (incl. local governments) no less than 50% of net costs in 2030, 75% in 2031, 90% in 2032 and on*
- **July 1, 2031: PRO must submit an Annual Report; MRFs submit annual reports**

Preparing for the 2026 Legislative Session

Product categories that are well-suited for EPR

- Mattresses
- Textiles
- Sharps
- Household Hazardous Waste (HHW)



... maybe also Tires, expanding E-Cycle WA (electronics) and Safe Medication Return

The NWPSC is still considering legislative priorities

– would love to hear from local governments and others what they think



Thank you!

Contact

- **WA Co-Chair of the NWPSC: Adrian Tan**, King County Solid Waste Division, adtan@kingcounty.gov
- **McKenna Morrigan**, Strategic Advisor, Waste Prevention and Product Stewardship, City of Seattle, Seattle Public Utilities (Associate Member of the NWPSC), mckenna.morrigan@seattle.gov

Agenda

Solid Waste Advisory Committee Meeting

May 14, 2025 | 9:30 a.m. – 11:25 a.m.

~~Call to Order & Zoom Meeting Instructions~~

~~9:30 a.m. | 5 minutes | Troy Lautenbach (Chair)~~

~~SWAC Update~~

~~9:35 a.m. | 5 minutes | Troy Lautenbach (Chair), Jay Blazey (Vice Chair)~~

~~Ecology Updates~~

~~9:40 a.m. | 5 minutes | Peter Lyon, Dept. of Ecology SWM~~

~~Ecology Legislative Session Recap~~

~~9:45 a.m. | 25 minutes | Julie Robertson & Janine Bogar, Dept. of Ecology SWM~~

~~Legislative Session Recap and Interim Goals~~

~~10:10 a.m. | 40 minutes~~

~~• Zero Waste Washington – Heather Trim, Executive Director~~

~~• Northwest Product Stewardship Council – McKenna Morrigan, Seattle Public Utilities~~

Survey Results

10:50 a.m. | 20 minutes | Caleb Carlson & Chery Sullivan, Dept. of Ecology SWM

Member Updates & Roundtable

11:10 a.m. | 15 minutes | Troy Lautenbach (Chair)

Adjourn

11:25 a.m.



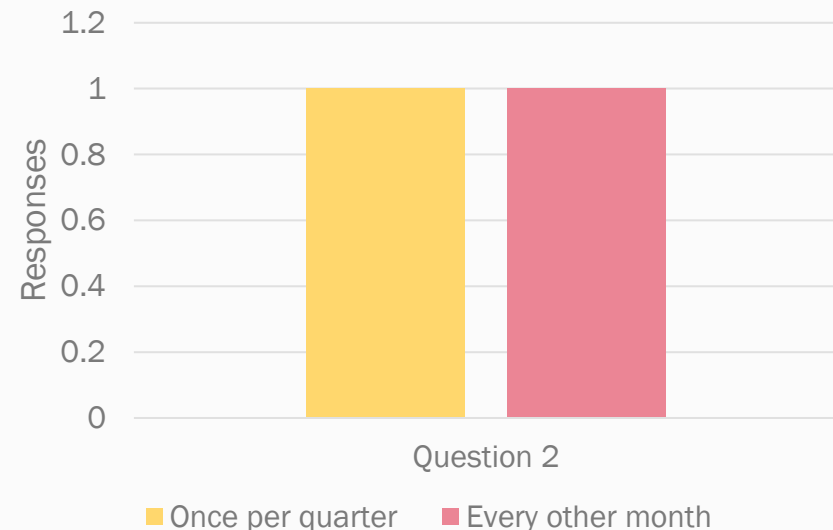
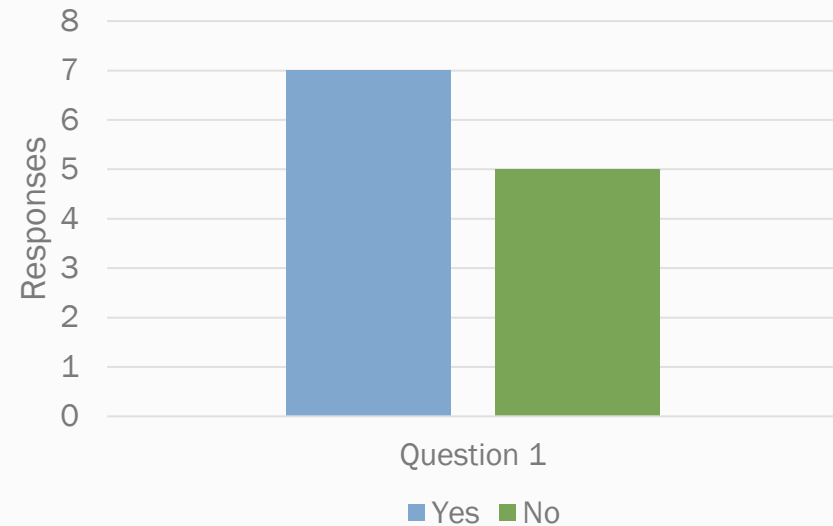
SWAC Survey Results & Discussion

Caleb Carlson & Chery Sullivan, Solid Waste Management

May 14, 2025

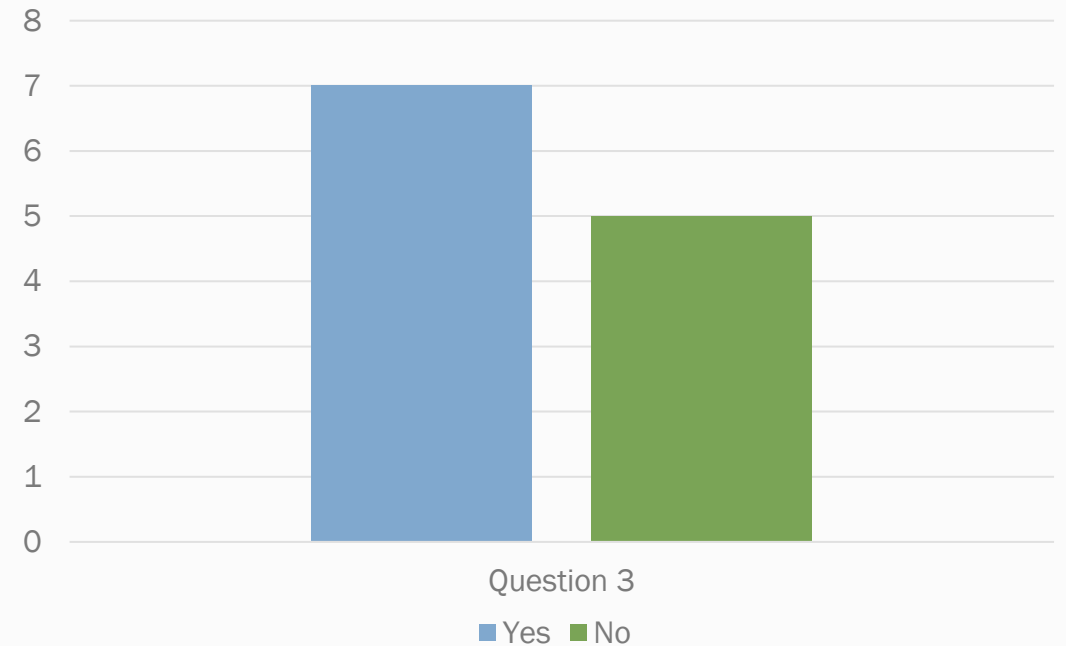
Survey question 1 & 2

1. Are you satisfied with the current State SWAC meeting schedule(every other month)?
2. If no, how often would you prefer to meet?



Survey question 3

Would you be interested in attending in-person or hybrid meetings?



Survey question 5

Are there past topics that you would like to revisit or explore in more depth?

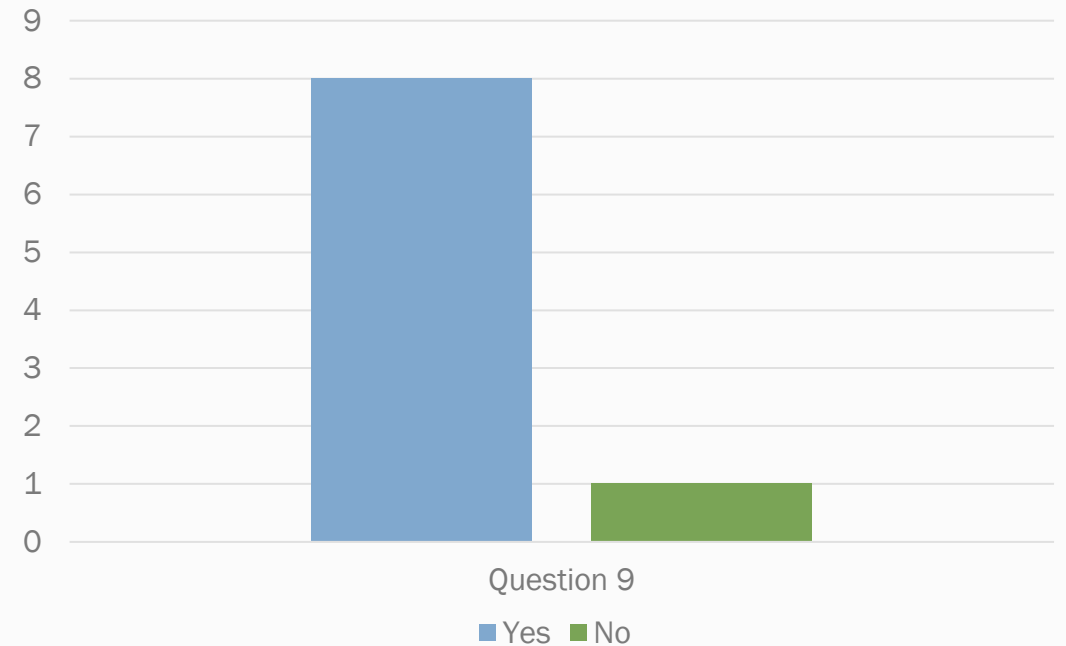
- Upcoming regulations
- Annual data
- NPDES permits and local perspective of impacts/implications

Have a topic for the agenda? Reach out!



Survey question 9

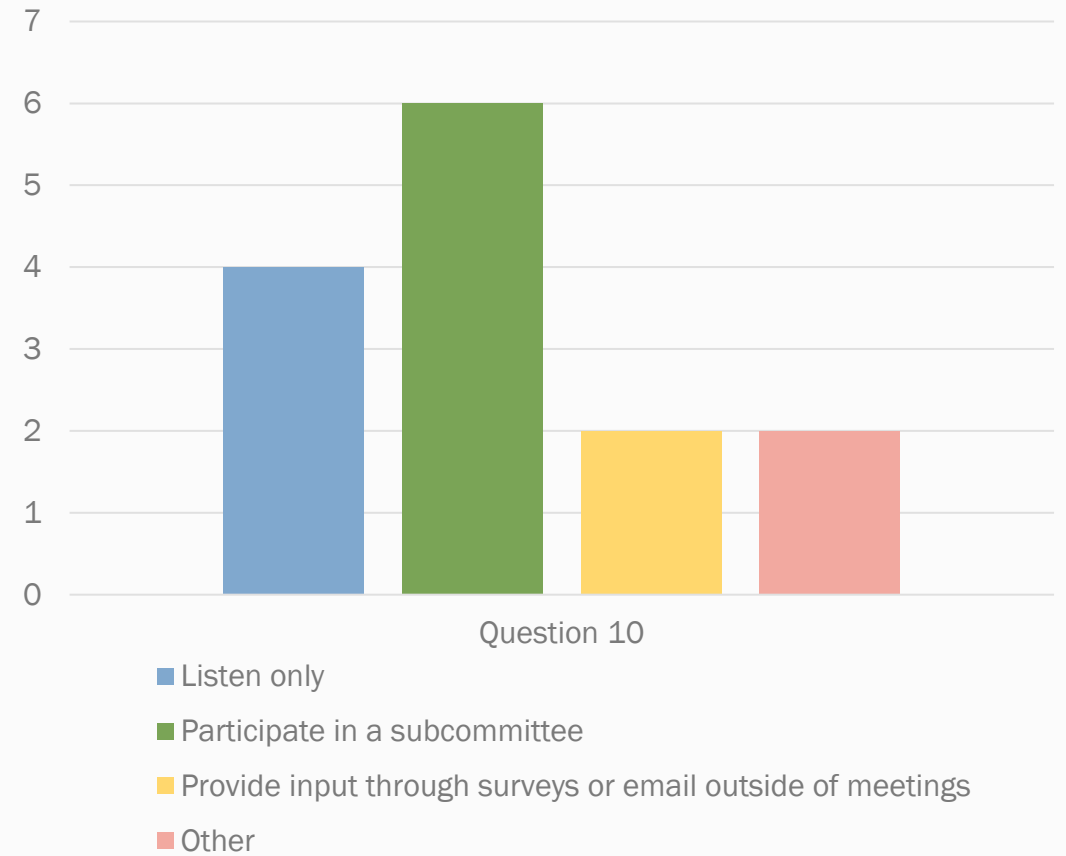
Are you satisfied with your current level of engagement in SWAC?



Survey question 10

How would you like to participate as a SWAC member?

- To hear more from the participants/stakeholders
- Hosting a get-to-know-SWAC at an annual gathering such as WSRA



Survey question 11

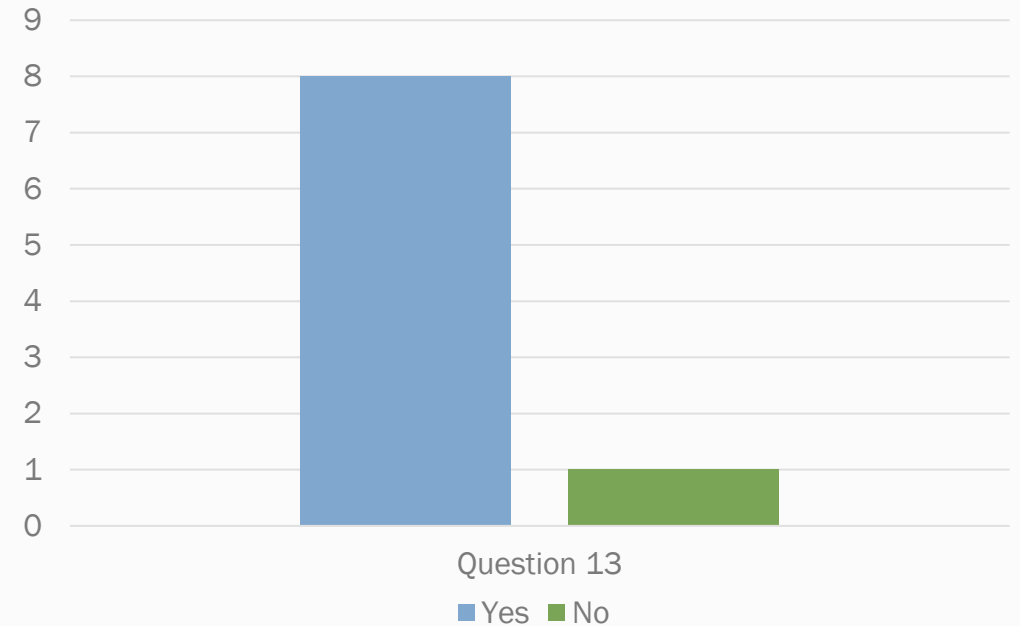
What could improve engagement among SWAC members?

- Agenda items about stakeholders' (members) activities
- In-person meetings, site visits, and tours
- Regional participation and state SWAC participating in county SWAC meetings.



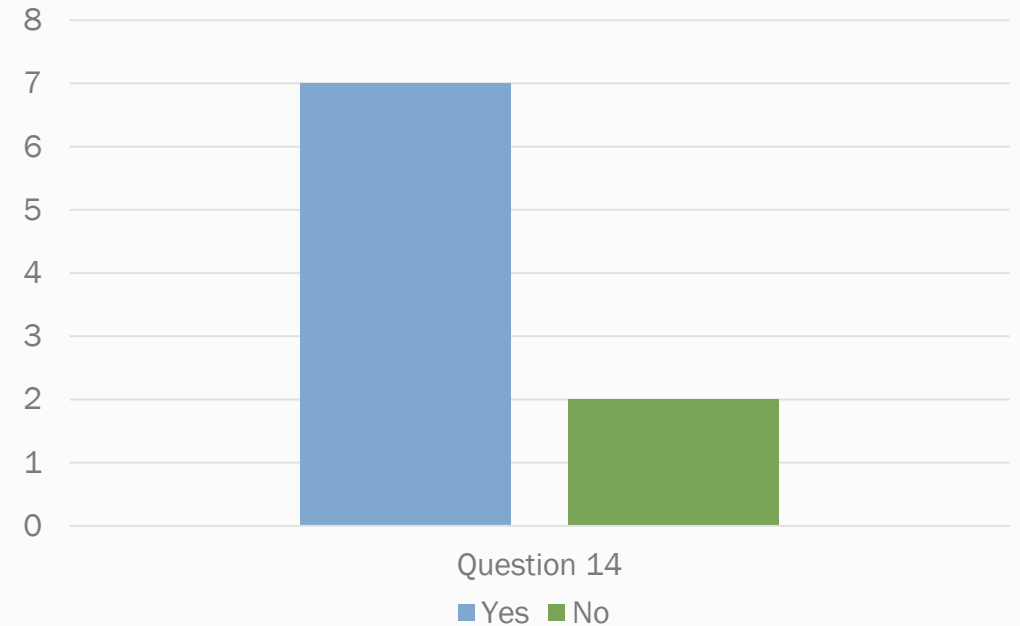
Survey question 13

Would you support the development of bylaws or a charter to clarify SWAC's purpose, meeting structure, and expectations?



Survey question 14

Do you feel your industry, agency, or association is adequately represented in SWAC's membership?



Survey question 15

Are there any groups, organizations, or perspectives missing from SWAC that should be represented?

- It is a little unclear who is part of the actual membership.





Thank you!

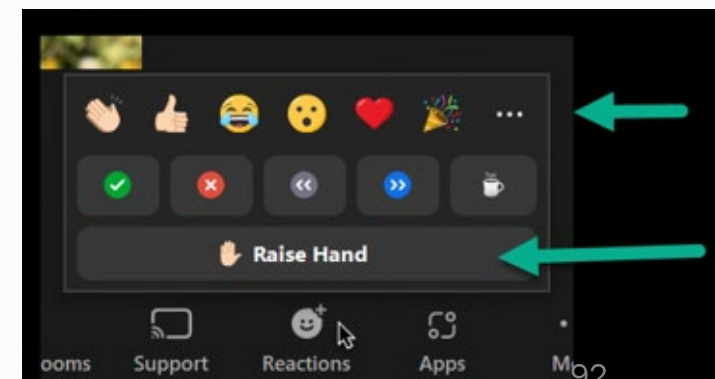
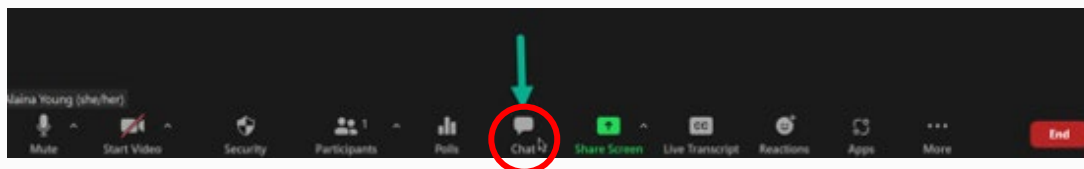
Questions?

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We want to hear from you!

- If you would like to provide comments, **please write your name in the chat or raise your hand.**
- We will call on you to speak in the order that we see names in the chat or hands raised.
- Please turn on your camera and unmute yourself when it's your turn.
- You may also **write your comment in the chat** and we will read it for you.



Member Updates & Roundtable



Thank you for joining us today!