

Solid Waste Advisory Committee Meeting

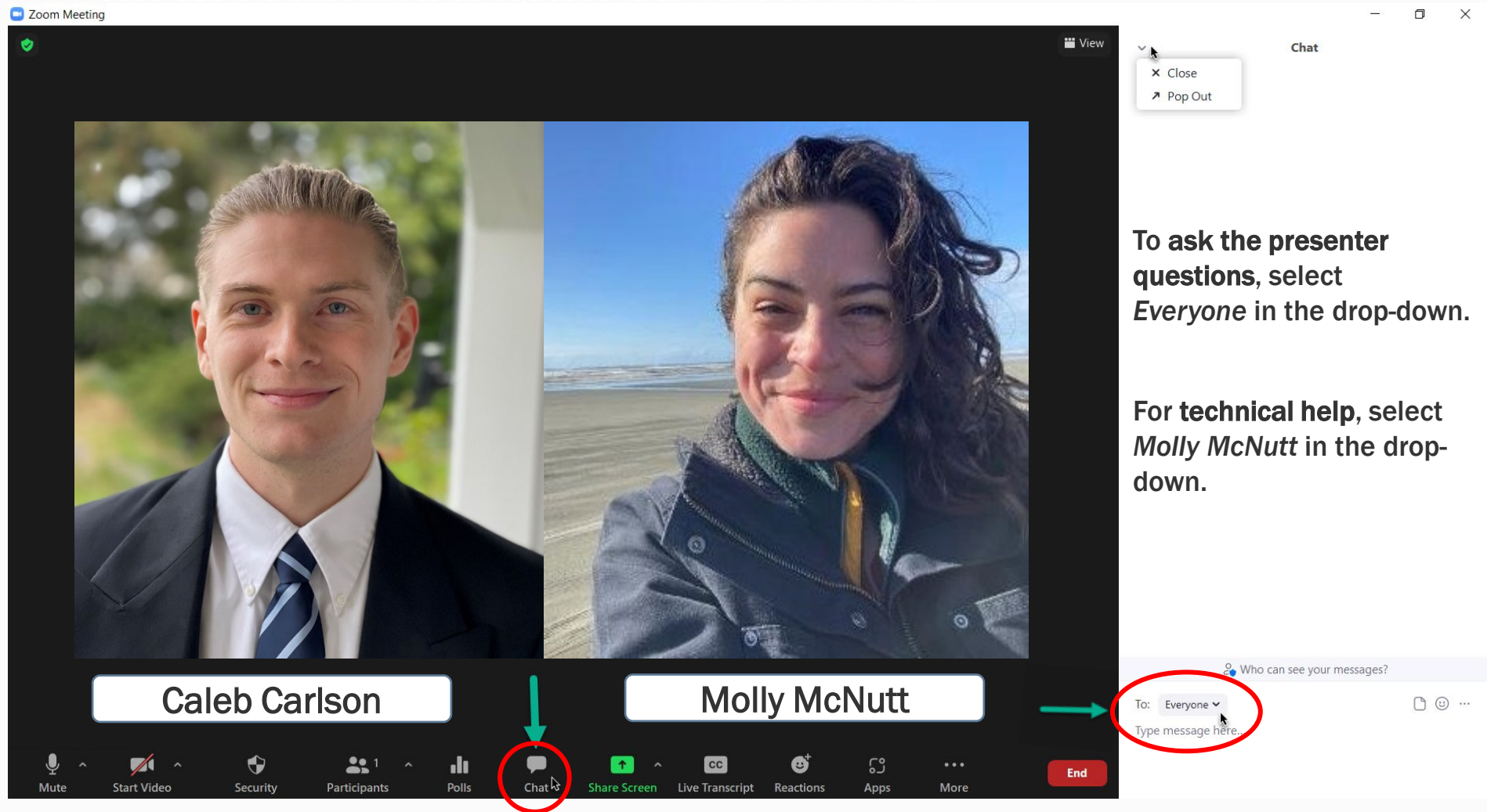
Welcome!

- 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.



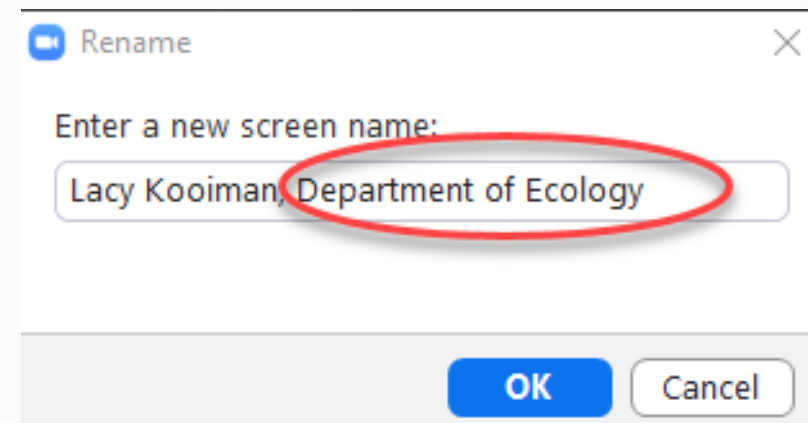
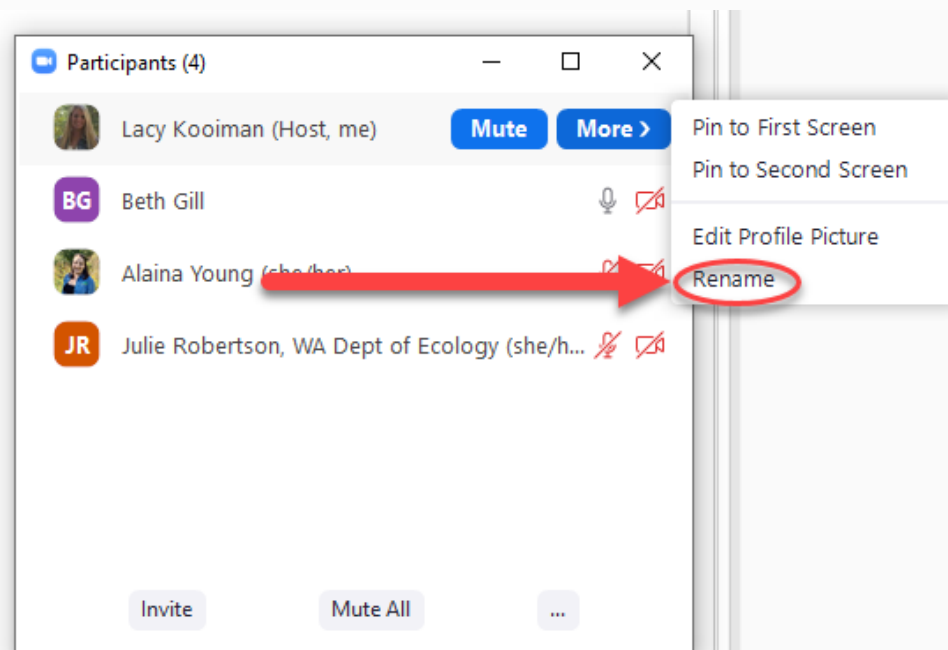
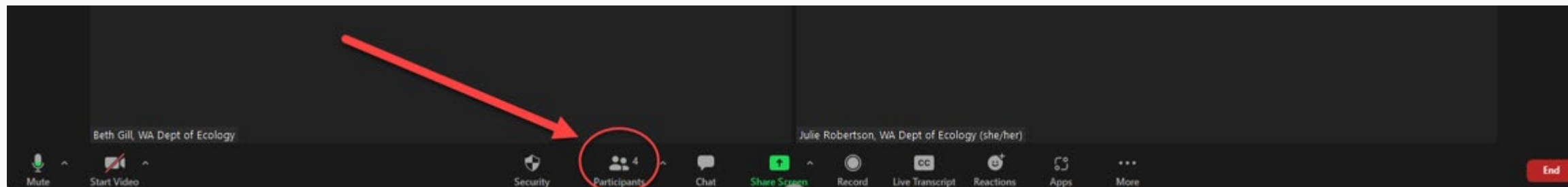
The screenshot shows a Zoom meeting window with two participants: Caleb Carlson and Molly McNutt. The Zoom toolbar at the bottom includes icons for Mute, Start Video, Security, Participants, Polls, Chat, Share Screen, Live Transcript, Reactions, Apps, and More. The Chat icon is circled in red, with a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

Below the text, the chat window shows "Who can see your messages?" and "To: Everyone" with a dropdown arrow. The text "Type message here..." is visible below the dropdown.

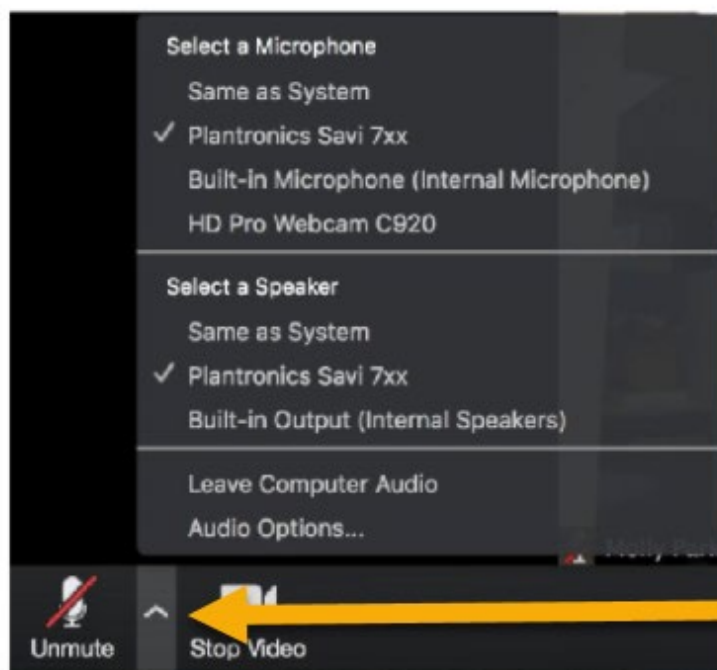
Zoom Functions: Rename to Add Your Affiliation



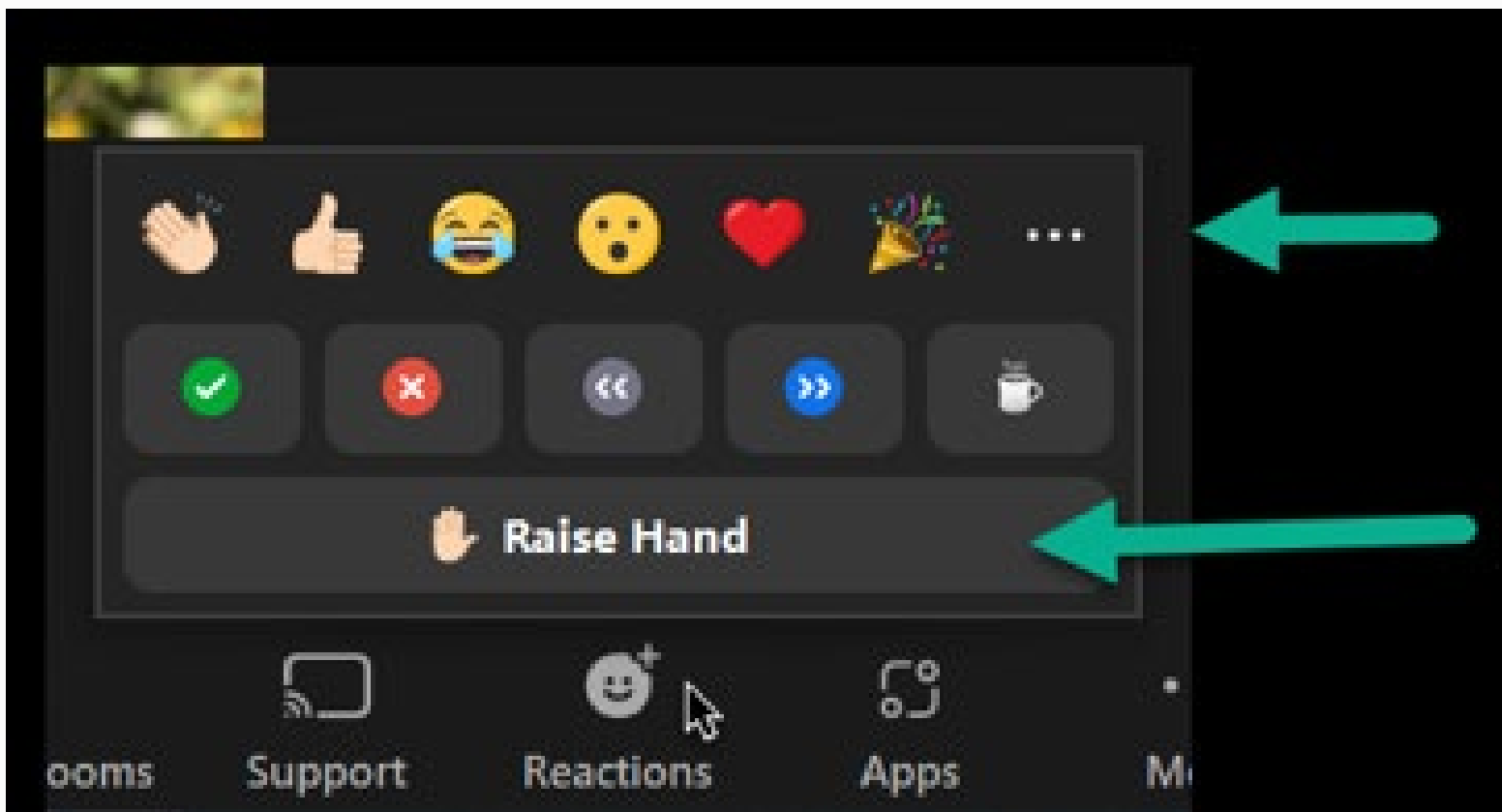
Zoom Functions: Audio Settings

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

January 9, 2025

Agenda

Solid Waste Advisory Committee Meeting
January 9, 2025 | 9:30 a.m. – 11:20 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 Update

9:40 a.m. | 5 minutes | Peter Lyon, Solid Waste Management Program

Legislative Session Update

9:45 a.m. | 10 minutes | Julie Robertson, Solid Waste Management Program

Tacoma Incentives for Solid Waste Businesses

9:55 a.m. | 15 minutes | Lewis Griffith, City of Tacoma Environmental Services Department

Industrial Stormwater General Permit

10:10 a.m. | 20 minutes | Shannon McClellan and Jeff Killelea, Water Quality Program

Advanced Clean Truck Rule Implementation

10:30 a.m. | 20 minutes | Dustin Watson and Rebecca Sears, Climate, Pollution, & Reduction Program

Organics and Battery Rulemaking Update

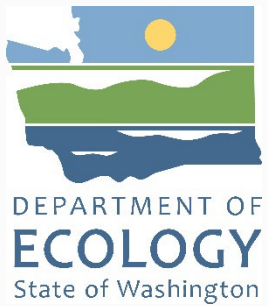
10:50 a.m. | 15 minutes | Chris Fredley, SWM Program Rules Coordinator

Member Updates & Roundtable

11:05 a.m. | 15 minutes | Troy Lautenbach (Chair)

Adjourn

11:20 a.m.



SWAC Update

Troy Lautenbach (Chair)

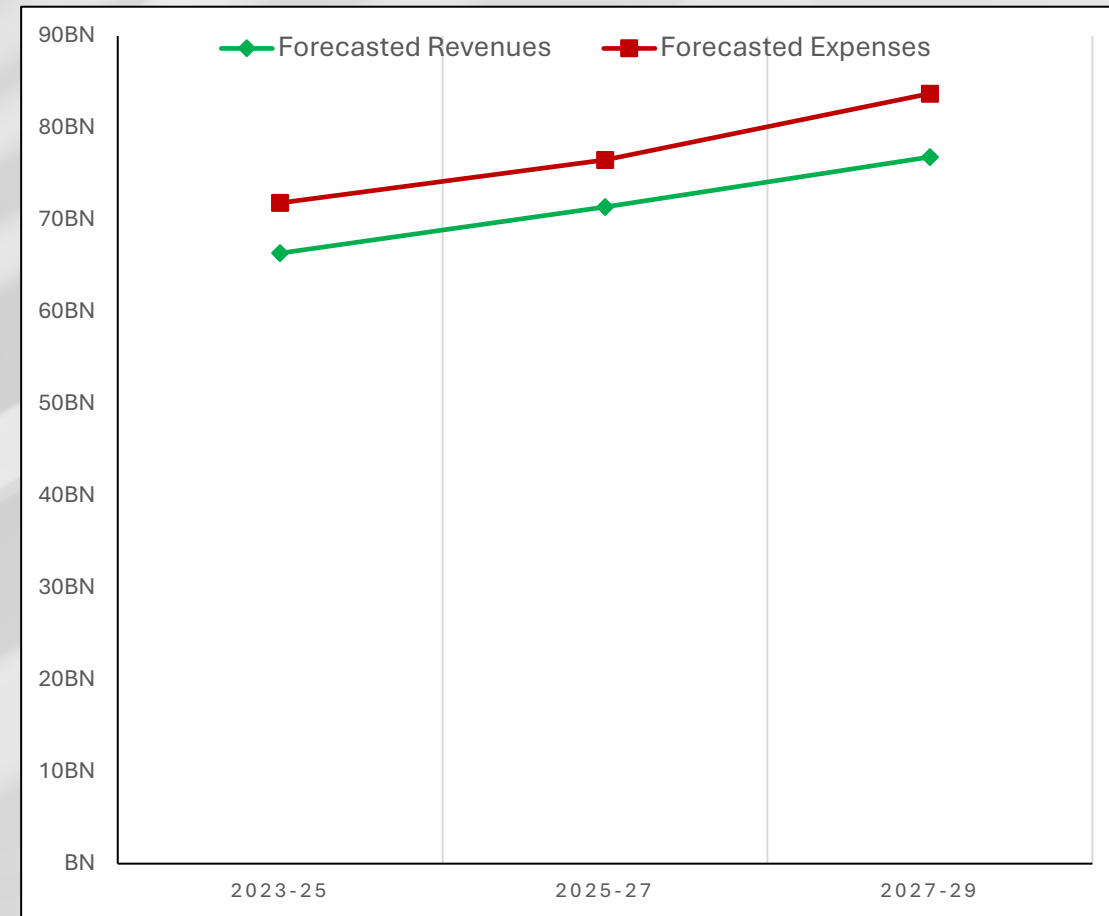


Ecology Updates

Peter Lyon, SWM Program Manager

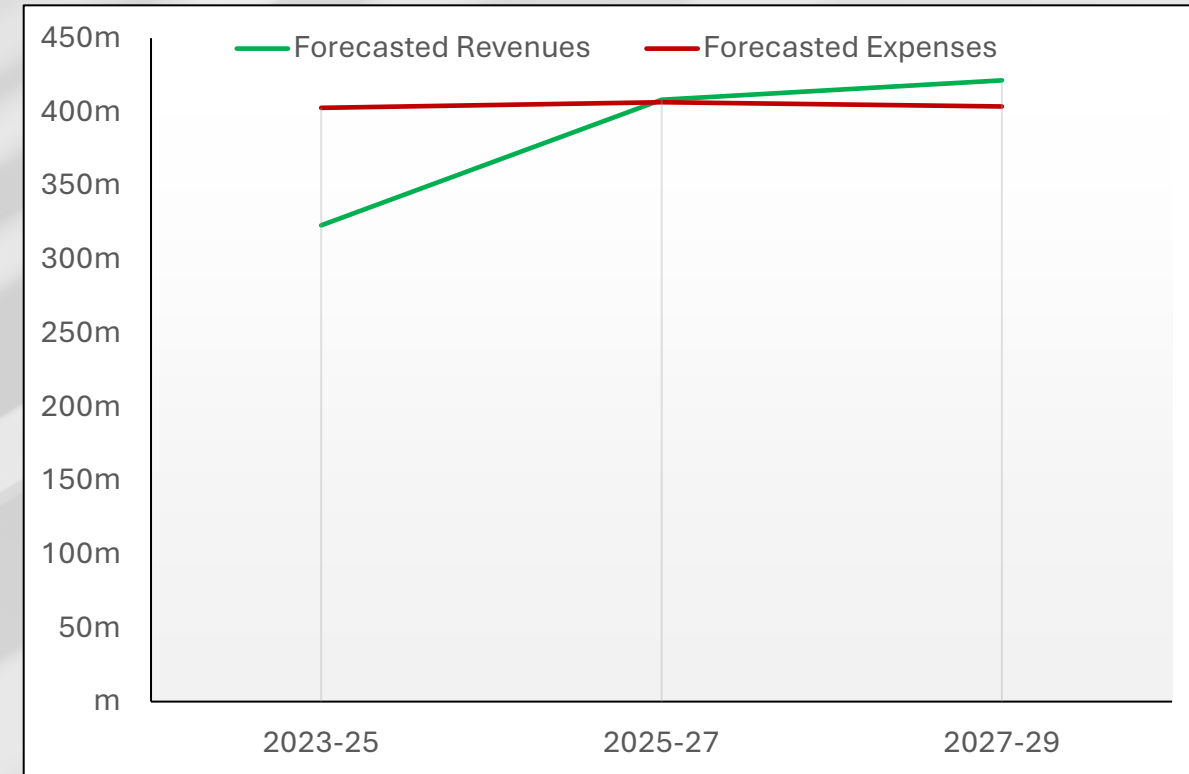
State of General Fund

- \$10-12 billion budget shortfall over the next two biennia
 - Reduced revenue from previous estimates
 - Increased spending (\$25bn to \$72bn over two decades)
- \$2.85bn cost impact of CBA not factored
- General Fund makes 1% of SWM's spending budget (\$1m)
 - Market Development SWFR Grant (\$391k)
 - Wastewater Treatment Capacity Study (\$250k)
 - Tire Pile Cleanup (\$200k)
 - Disaster Debris Management (\$85K)
 - Miscellaneous (\$74K)



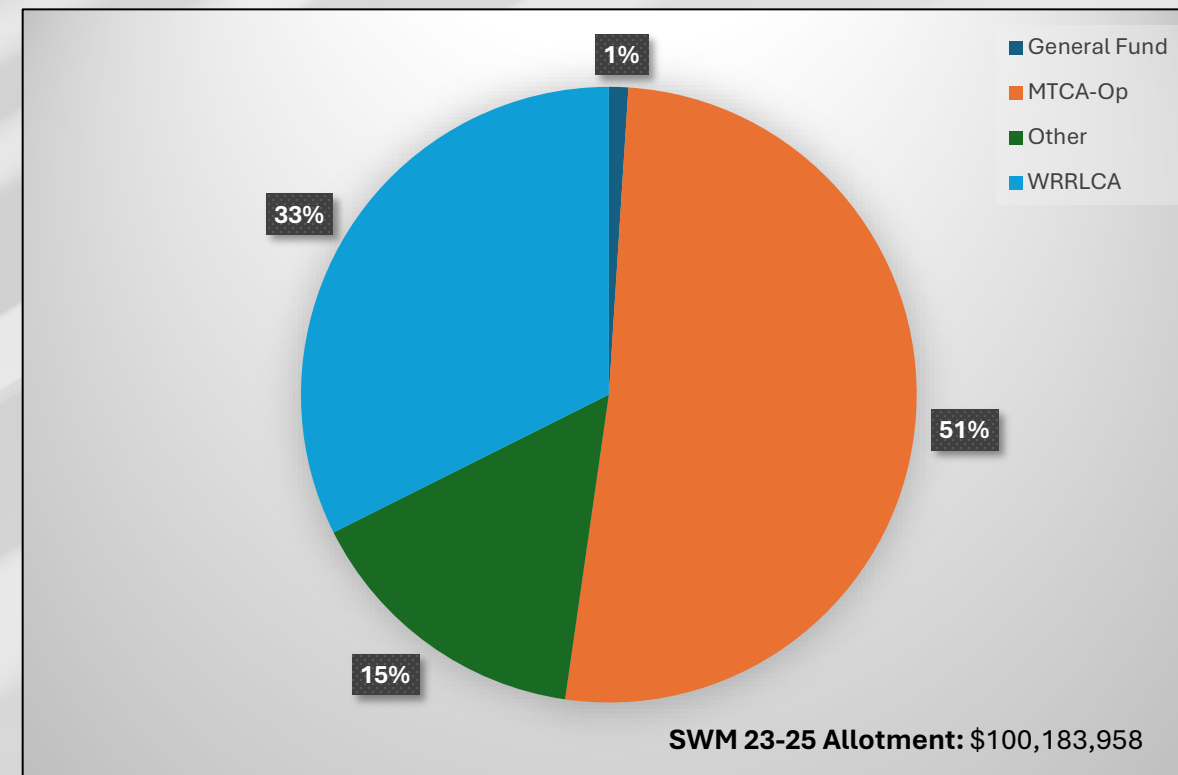
State of MTCA-Operating

- MTCA Operating experienced \$80m deficit in FY 23-25
- FY 25-27 also projected to be in deficit (\$5.25m) if \$7m transfer excluded from WRRRLCA
- Fund to stabilize towards recovery of lost fund balance FY 27-29 onwards
- MTCA Operating makes up 51% of SWM's spending budget (\$51m)



SWM Expenditure Fund Sources


- SWM has spending authority in 15 separate accounts (as of 23-25)
 - Operating Budget: \$96,487,367
 - Capital Budget: \$3,696,591
- This number continues to grow each biennium with new bills



Batteries – Environmental Stewardship

BN 21-23 2S SB 5144	2023-25	2025-27	2027-29
MTCA Op.	1,220,200	383,230	-
Resp. Batt. Mgmt. Acct.	-	673,097	464,690
Total \$	1,220,200	1,056,327	464,690

- Fiscal Note 5144 requested \$1.2m and \$383K out of MTCA Operating for Batteries – Environment Stewardship for 23-25 and 25-27 respectively (before the new account begins revenue collection)
- Gov New Law 25-27 Biennium Recommendation Summary shows no allotment for Batteries – Environmental Stewardship in 25-27

 <p><i>Dollars in Thousands</i></p>		ABS024 Recommendation Summary Department of Ecology 2025-27 Regular Budget Session GOVNL - Gov New Law 25-27 Bien			
<p><u>Note:</u> Our Current Biennium (CB) allotments are not itemized.</p>		Average Annual FTEs	General Fund State	Other Funds	Total Funds
CB		2,184.5	78,781	879,609	958,390
2023-25 Current Biennium Total		2,184.5	78,781	879,609	958,390
CL 8L	Lease Adjustments	0.0	0	8	8
CL 9D	Pension and DRS Rate Change	0.0	1	5	6
CL 5144	Batteries/Environment	(3.7)	0	(1,220)	(1,220)

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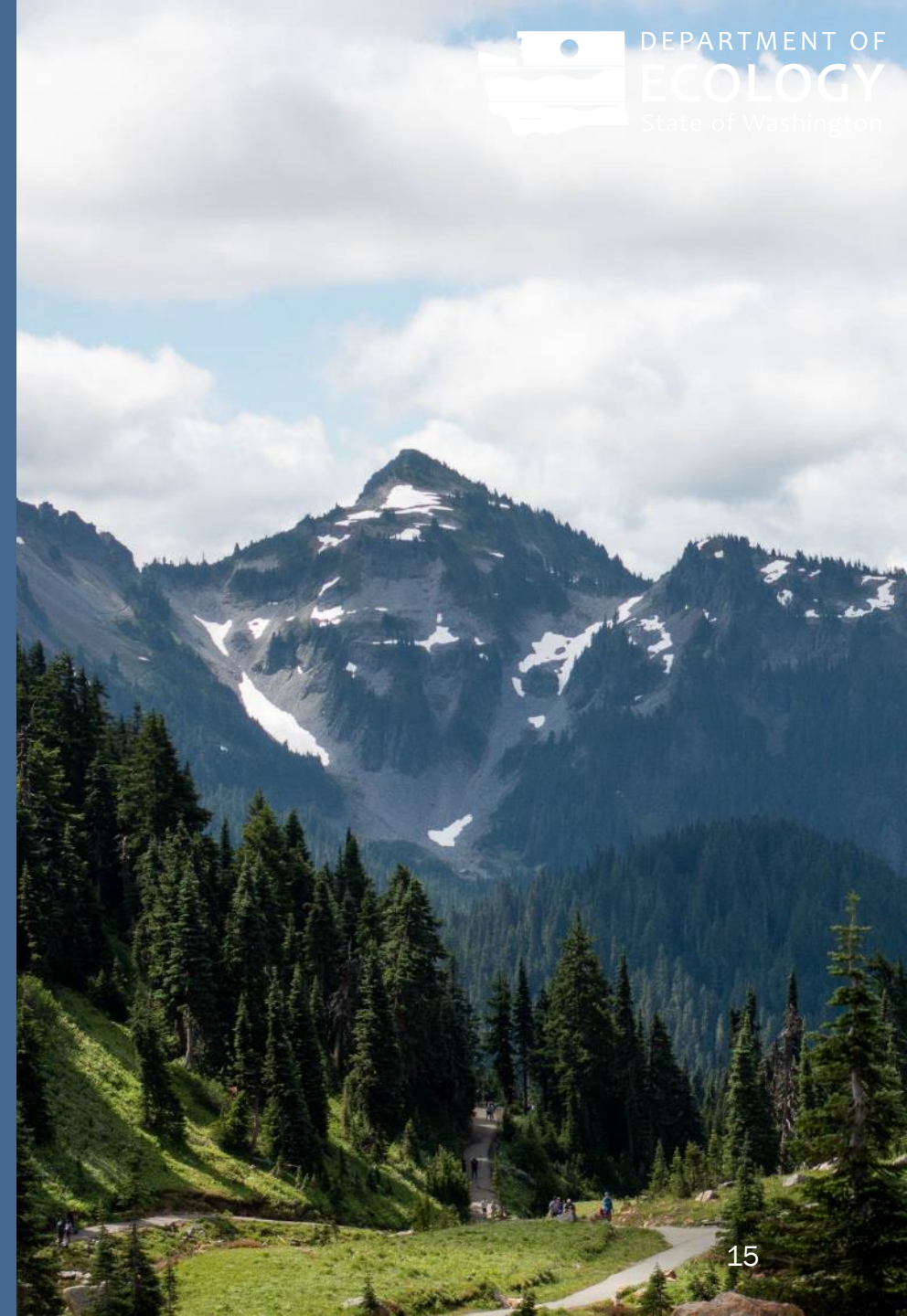
Adjourn

11:20 a.m.

Legislative Session Update



Julie Robertson
Legislative Coordinator
January 9, 2025



State Solid Waste Advisory Committee

Julie Robertson



Problems with Chapter 70A.510 RCW Photovoltaic Module Stewardship & Takeback Program

- PV Module manufacturers were required to submit stewardship plans to Ecology July 1, 2024
- Beginning July 1, 2025, PV modules may not be sold into Washington unless the manufacturer of that module has an approved plan
- Many manufacturers have decided to not sell in Washington, threatening the state's transition to clean energy



Agency Request Legislation



Delays stewardship plan submittal until January 31, 2028



Delays “do not sell” provision until January 31, 2029



Calls for the formation of an advisory committee

Third party facilitator

Develop recommended changes to the law

Culminates with Ecology legislative report,
December 1, 2026

House Bills

HB 1071 Recycling rates (SB 5058)

Rep. Fey/ Sen. Chapman

HB 1150 Solid waste management (Recycling Reform Act)

Rep. Berry

HB 1154 Solid waste handling

Rep. Duerr

Senate Bills

SB 5033 Biosolids/PFAS chemicals

Sen. J. Wilson

SB 5045 Battery stewardship/Electric Vehicle

Sen. J. Wilson

SB 5058 Recycling rates (HB 1071)

Sen. Chapman

Bill Summary

Search by Bill or Initiative Number

ex. 1357


Bill

Initiative

2025-2026 ▼

Search

Find Specific Text in a Bill

 Search the full text of a bill

Important Dates

- Dec. 2 - Jan. 12: Prefile
- First Day: Jan. 13
- 105 days
- Committee cutoff dates
- Sine Die: April 27





Thank You

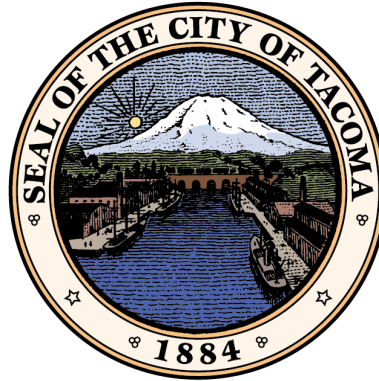
Julie Robertson
Legislative & Policy Planner
Julie.Robertson@ecy.wa.gov

Tacoma Incentives for Solid Waste Businesses



Lewis Griffith, P.E.
City of Tacoma Environmental Services
January 9, 2025





Solid Waste Special Permits and Recycling Tax Incentive

City of Tacoma | Environmental Services
Lewis Griffith, P.E., Solid Waste Division Manager

**Washington State Solid Waste Advisory Committee Meeting
January 9, 2025**





OVERVIEW



- City of Tacoma (COT) Solid Waste Management (SWM) and Tax & License collaborated on a tiered recycling tax deduction for solid waste businesses
- Reporting requirement in SWM Special Permits program will be used to collect recycling data
- Objectives: Incentivize recycling, tax fairly, and increase Special Permit participation



BACKGROUND



- Ordinance 28933 passed in January of 2024
 - Equal taxation of 8% Gross Earnings Tax for public and private solid waste collection
 - 100% tax deduction for recycling allowed in 2024
 - Special Permit required to receive recycling tax deduction
- Intent was to establish a tiered recycling tax deduction structure in Fall 2024
- SWM has redeveloped the Special Permits program and increased enforcement in 2024

- Previously COT was not collecting Solid Waste Collection Business tax from recyclers
 - Changes projected to generate an estimated \$975,000 annually for COT General Fund
- Fee needed to recover some of the costs of permit administration and data review
- Help address sham recyclers operating within COT

- Two stakeholder meetings held in 2023 to incorporate feedback from private sector waste haulers
 - Main areas of concern were ability to track and enforce, financial impacts to businesses, and tax on Alternative Daily Cover (ADC)
- Ongoing stakeholder feedback during permitting process
 - Data reporting requirement considered burdensome
- Consulted with other municipal recycling permit programs in 2024

2 Stakeholder meetings held in 2024

- Private sector representatives raised issues:
 - Clarification of tax deduction schedule
 - Permit fee amount
 - Option for lengthening the 1-year permit cycle (code update required)
 - Ability to track and enforce against bad actors
 - Financial and compliance burden
 - Delayed tax benefit from increasing recycling
 - Tax on Alternative Daily Cover (ADC)

IMPLEMENTATION



- Amend TMC 6A.50 and 6A.100 to include the following tiered recycling tax deduction structure:

Tier	Recycling Rate	Tax Deduction
0	0%-1%	None
1	2% - 25%	12.5%
2	26% - 50%	37.5%
3	51% - 75%	62.5%
4	76% - 100%	100%

- Alternative Daily Cover (ADC) will be considered 50% recycling and 50% waste by weight
 - Chapter 173-350 WAC excludes ADC from definitions of recycling and reuse
 - Benefits the landfill and conserves resources



IMPLEMENTATION



- Amended TMC 12.09.070 to include optional recycling reporting for all recyclers in order to receive a tax deduction.
- Adopted a permit fee of \$150 for each permit
 - Fee waived for permittees that do not report recycling (opt out of tax deduction)
- The annual recycling report must contain sufficient information to calculate a Recycling Rate, defined as the percentage (by weight) of material handled that was recycled in the previous year.



IMPLEMENTATION



- Ordinance adopted December 17, 2024
- Ordinance Effective Date – January 1, 2025
- Applications for 2025 permit cycle due April 1, 2025



PERMITTING



- 64 Permits issued to date
- 41 subject to Solid Waste Collection Business Tax
- 18 have submitted data reports:

Tier	Recycling Rate	Tax Deduction	Count of Permittees
0	0%-1%	None	3
1	2%-25%	12.50%	0
2	26%-50%	37.50%	2
3	51%-75%	62.50%	1
4	76%-100%	100%	12



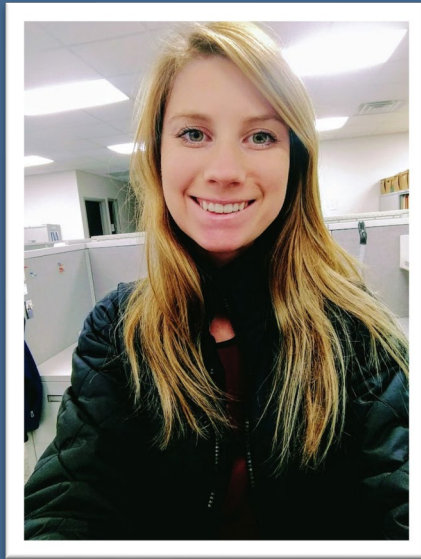
QUESTIONS



I'd be happy to answer any of your questions!

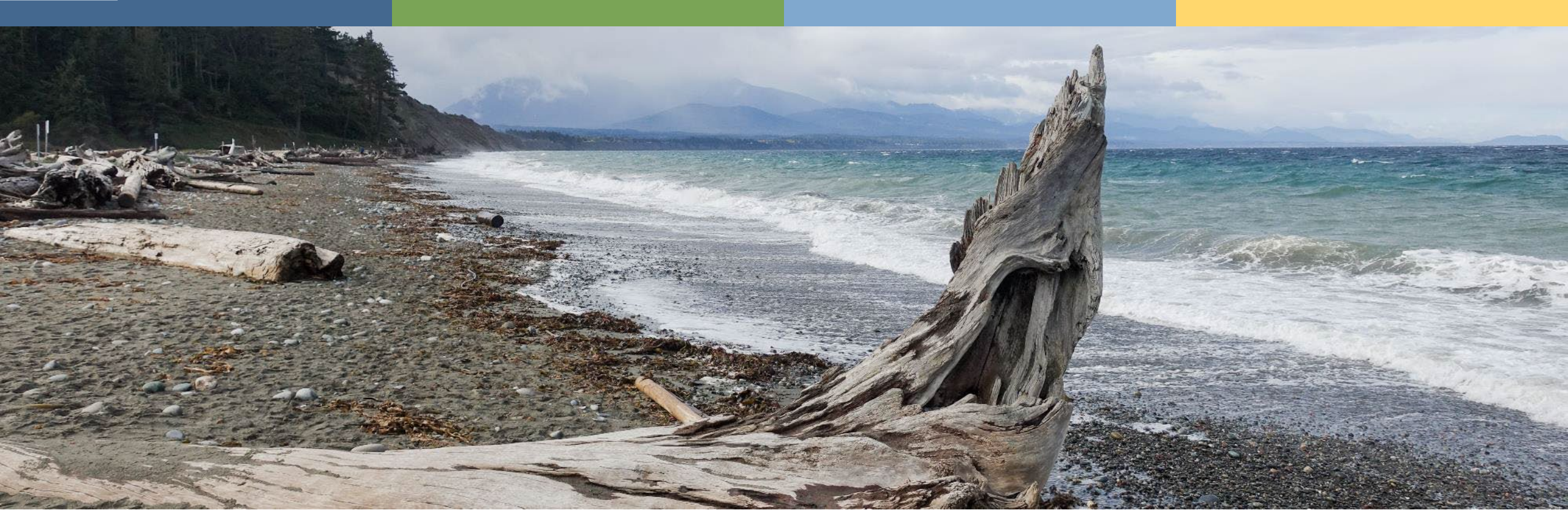
Lewis Griffith
Solid Waste Division Manager
City of Tacoma, Environmental Services
lgriffit@cityoftacoma.org

Industrial Stormwater General Permit



Shannon McClellan
Water Quality Program
January 9, 2025





Industrial Stormwater General Permit SWAC Meeting

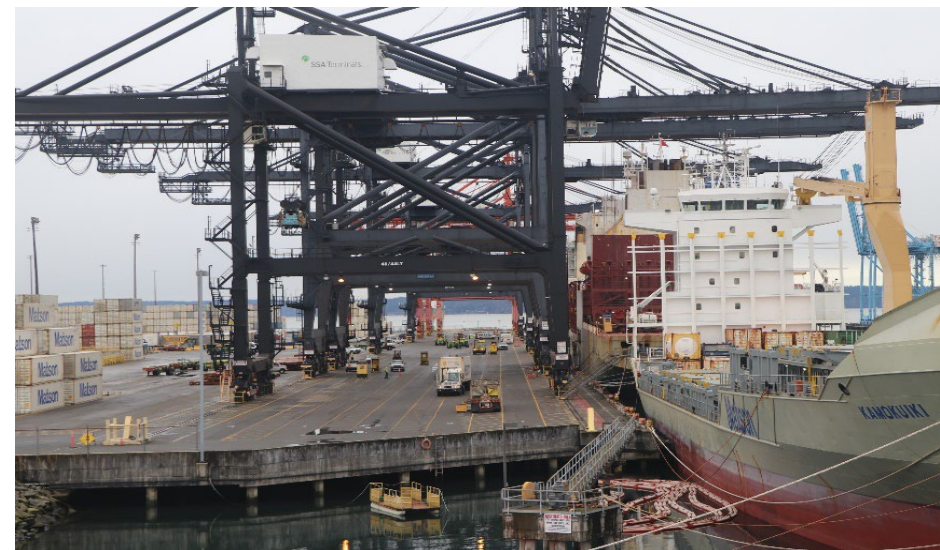
Shannon McClellan, Permit Writer
January 9, 2025

What I'll cover

- Discharge to ground & functional equivalent
- Training requirements
- Illicit connections and discharges
- Sampling for 6PPD & PFAS
- Timing of corrective actions
- Planned education & outreach

Industrial Stormwater General Permit

- Applies to 1,200 facilities
- Rain and snowmelt can pick up pollution and flow into waterways
- New permit effective on Jan. 1, 2025



Basic Permit Framework Unchanged

- Best Management Practices (BMPs)
- Stormwater Pollution Prevention Plan (SWPPP)
- Sample Discharges
 - Benchmarks
 - Numeric Effluent Limits
- Corrective Actions
- Reporting and Recordkeeping



Waste Management Category:

- Waste Management and Remediation Services (562xxx)
 - Solid, Hazardous, Other Waste
- Hazardous Waste Treatment, Storage and Disposal Facilities (RCRA subtitle C)
- Certain Transportation sectors
 - 484220 Ash, garbage, recyclable material, refuse, rubbish, trash, or waste hauling (except collection or disposal)
 - 484230 Refuse hauling, long-distance
 - 484230 Radioactive waste hauling, long-distance
 - 484230 Waste hauling, hazardous, long-distance
 - 484230 Waste hauling, nonhazardous, long-distance



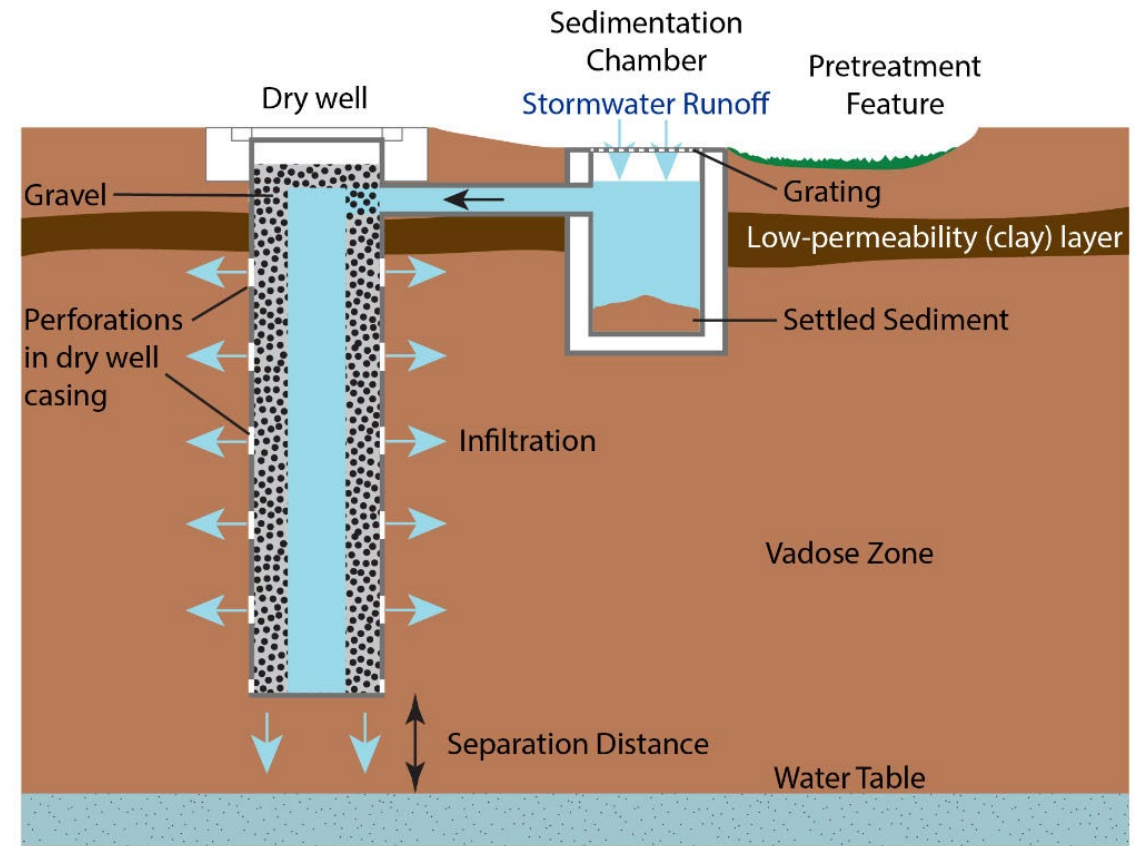
Changes to discharge to ground

- Added definition for Groundwater Discharge Point
- Provide more information about these discharges
 - Locations
 - Types of infiltration structure



Use Stormwater Management Manuals for Underground Injection Control

- UIC regulations
- Stormwater management manuals
 - Separate for Eastern and Western WA



Increased SWPPP training requirements

People who have duties in industrial area know how to prevent stormwater pollution

- Includes contractors and vendors, unless supervised.
- New full-time employees complete training by first 90 days
- Part time and seasonal employees, contractors/vendors trained by 30 days



Added cross connection of sanitary sewage as illicit discharge

- Illicit discharge - Any discharge that isn't entirely stormwater
- Added term illicit connections
 - Cross connection of sanitary sewage or other into stormwater system
 - Examples: floor drains, pipelines, conduits, inlets
- Exceptions for permitted discharge or special conditions (Condition S5.D)



Changes in the permit mean updating Pollution Prevention Plans (SWPPP)

Facilities incorporate requirements into SWPPP

Existing permittees

Updated plan due May 15, 2025,
and implemented by July 1, 2025

New permittees

After effective date of coverage
End of first monitoring period

Sampling 6PPDQ

- Tires contain 6PPD, which transforms into 6PPD-quinone when exposed to ozone
- Sampling for Hazwaste, waste management, and transportation facilities
- Beginning 2028
- Sampling and reporting only – no benchmark or limit at this time
- Small businesses sample once per year



Sampling PFAS required for air transportation and waste management

No limit or benchmark

- Report Only
- Required for discharges to surface water and groundwater, e.g., Class V UIC wells
- Beginning Jan 1, 2025



Photo credit: U.S. Air National Guard by Airman 1st Class Amber Powell

Impaired Waterbody Effluent Limits Changed

Copper	5 ug/L
Lead	95.1 ug/L
Zinc	220.8 ug/L
Pentachlorophenol	13 ug/L
Arsenic	0.14 ug/L
6PPDQ	Report only

Education and Outreach



Public workshops throughout 2025.



Updating the Stormwater Sampling Manual (Spring 2025).



Publish Frequently Asked Questions (end 2025).



Send site specific sampling summaries

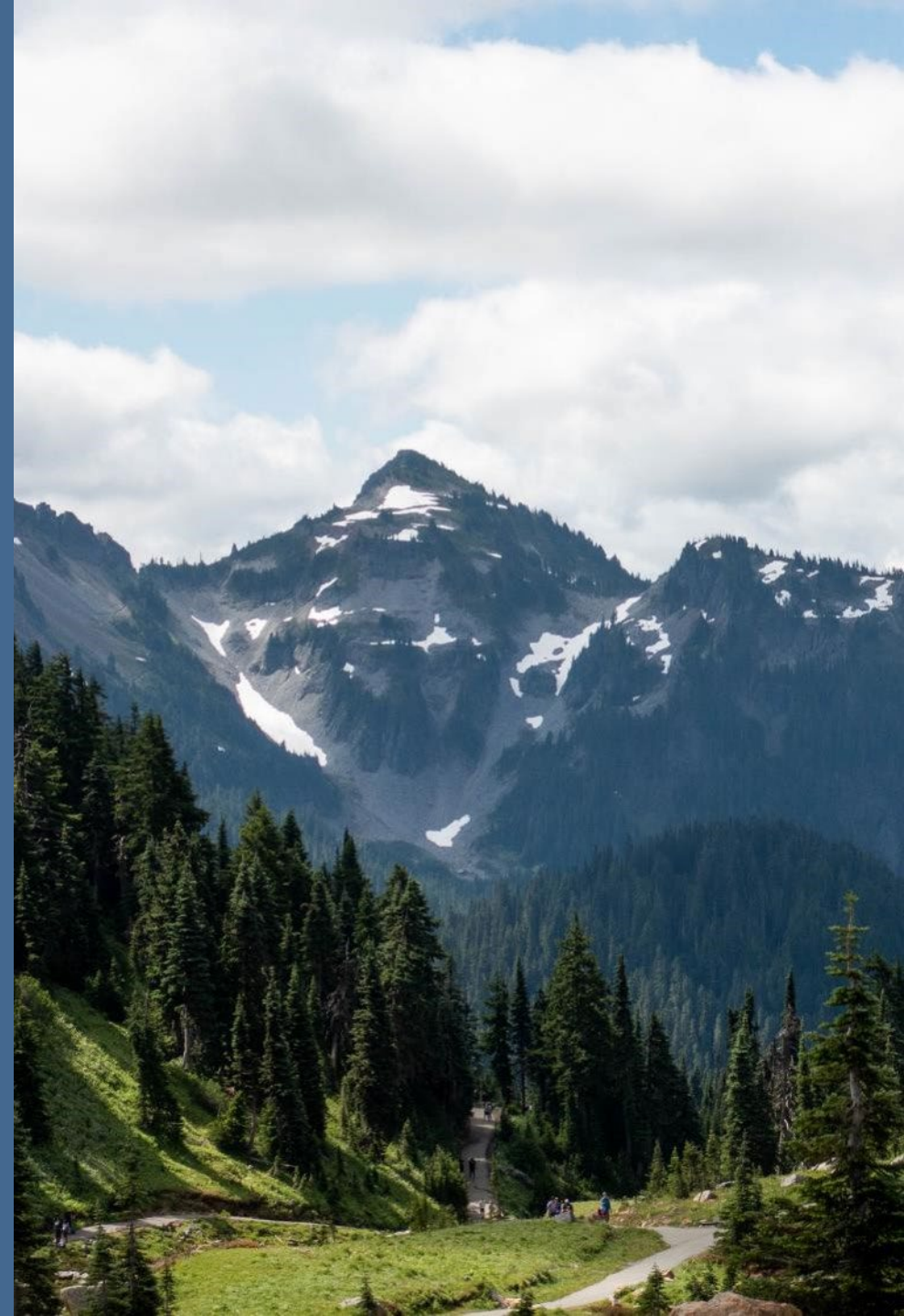
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Any Questions?

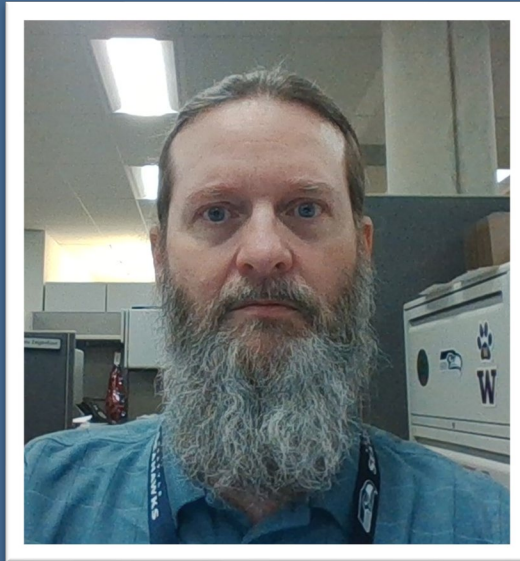
[Ecology.wa.gov/IndustrialStormwaterPermit](https://ecology.wa.gov/IndustrialStormwaterPermit)



Shannon McClellan, General Permit Writer
Shannon.mcclellan@ecy.wa.gov



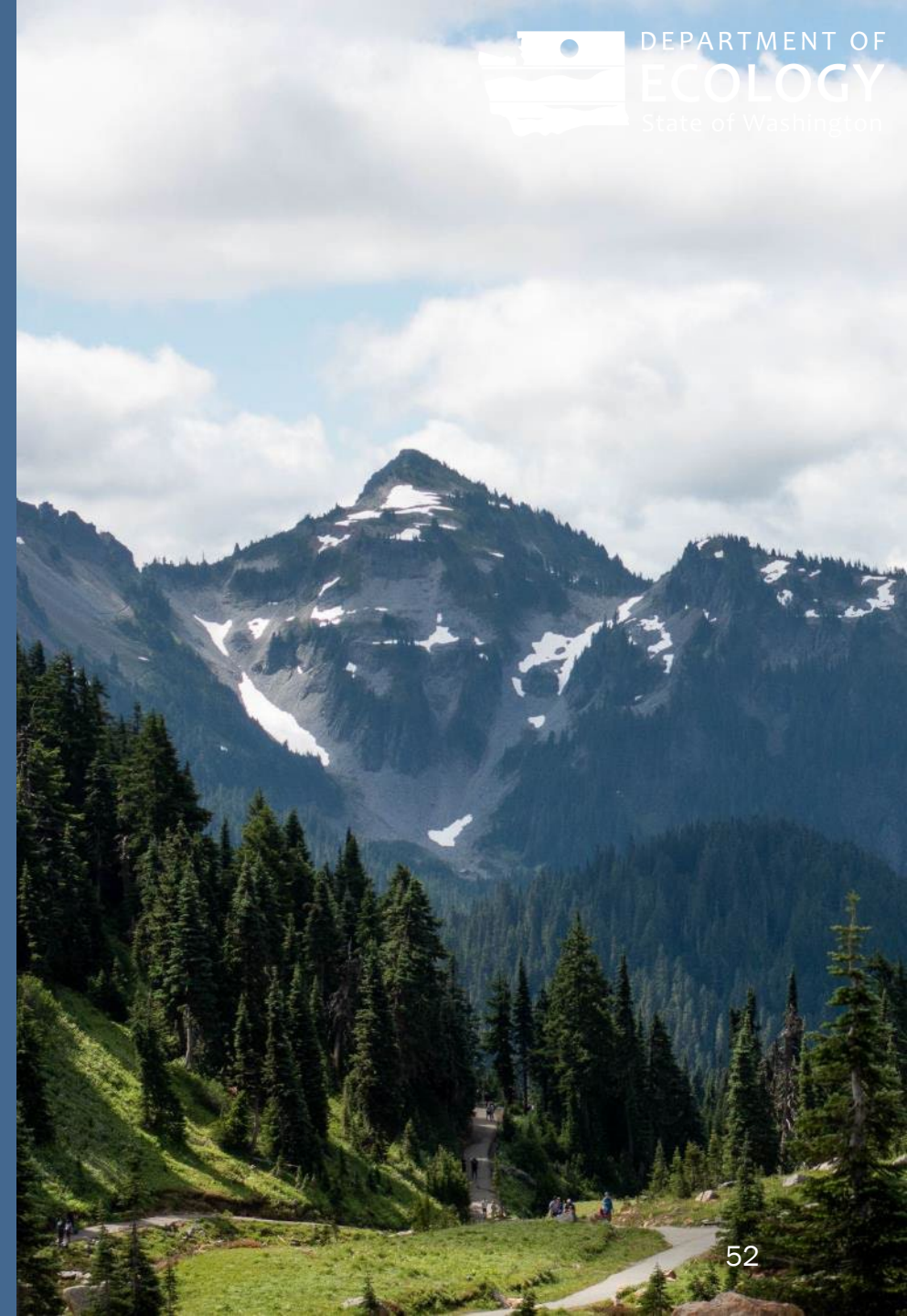
Advanced Clean Truck Rule Implementation



Dustin Watson

Climate, Pollution, & Reduction Program

January 9, 2025





Chapter 173-423 WAC, Clean Vehicles Program rulemaking public information session

Climate Pollution Reduction Program

January 9, 2025

Agenda

- 1** Clean Vehicles Program Overview
- 2** Scope of rulemaking
- 3** Advanced Clean Trucks amendments
- 4** Heavy-Duty Low-NOx Omnibus amendments
- 5** Public engagement
- 6** Rulemaking timeline

Ecology's Clean Vehicle Program History



Improve air quality in near-port communities and along transportation corridors

Improve consumer choice for ZEV models

Meet climate targets in [RCW 70A.45.020](#), modelled after Paris Climate Accords, IPCC 5th Assessment

Weakening federal greenhouse gas standards



Advanced Clean Trucks

Adopted in 2021



Heavy-Duty Low-NOx Omnibus

Adopted in 2022

Who do these rules impact?

- Manufacturers that offer new medium- and heavy-duty trucks and engines for sale in Washington
- The rules do not apply to fleets or dealerships

Clean truck regulations

Scope of Rulemaking

- Ecology plans to adopt:
 - Technical amendments to Advanced Clean Trucks
 - Technical amendments to Heavy-Duty Low-NOx Omnibus
- These will give greater flexibility to manufacturers and address known concerns.
- To comply with Chapter 70A.30, Ecology is also inviting comment on additional California emissions standards the agency should consider adopting in the future

Visit the [rulemaking webpage](#)
Online public comment is open



November 2024

Rule announced

**December
2024-Summer
2025**

Public engagement

Summer 2025

Propose rule

Winter 2025

Adopt rule

Why is this rulemaking necessary?

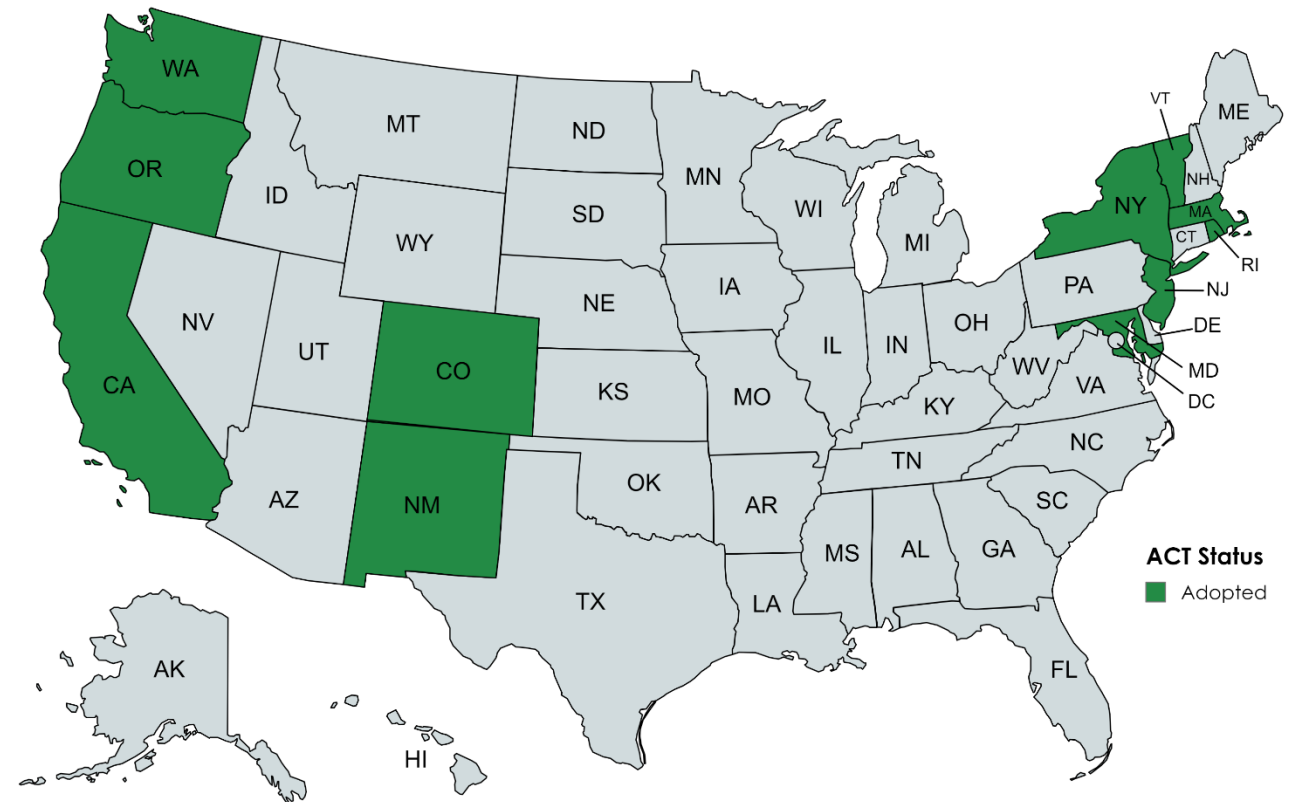
- Transportation is Washington's largest source of greenhouse gas emissions (39%) and a major contributor of air pollution.
- Medium- and heavy-duty vehicles contribute ~30% of the state's transportation emissions
- The state's Transportation Electrification Strategy projects that zero-emission vehicles will reduce Washington's greenhouse gas emissions by 9.4 million metric tons of carbon dioxide annually by 2030.



Common ACT misconceptions

Myth	Fact
Manufacturers must sell a certain number of zero-emission vehicles before being allowed to sell diesel or gas-vehicles	Manufacturers have multiple compliance options
Fleets must purchase zero-emission vehicles starting next year	ACT only regulates manufacturers
ACT is banning the sale of [insert vehicle here]	ACT does not ban the sale of any kind of vehicle
There is not enough public charging to transition to EVs	ACT was designed to be feasible even without public charging, and public and depot charging are both being rapidly built out in Washington
There are not very many zero-emission vehicles out now	Over 190 Class 2b-8 zero-emission vehicles available for sale in the US

- Adopted in Washington in 2021
- Includes annual zero-emission vehicle (ZEV) **sales** mandate for applicable Class 2b-8 trucks and buses
- ACT regulatory compliance applies to **manufacturers**, not fleets or purchasers
- Starts with model year 2025 in Washington
- Original Equipment Manufacturer (OEM) exemption: Emergency vehicles, transit buses, motor coaches
- Rule language: [WAC 173-423-075 \(2\)](#)
 - Also here: [ACT Title 13](#)



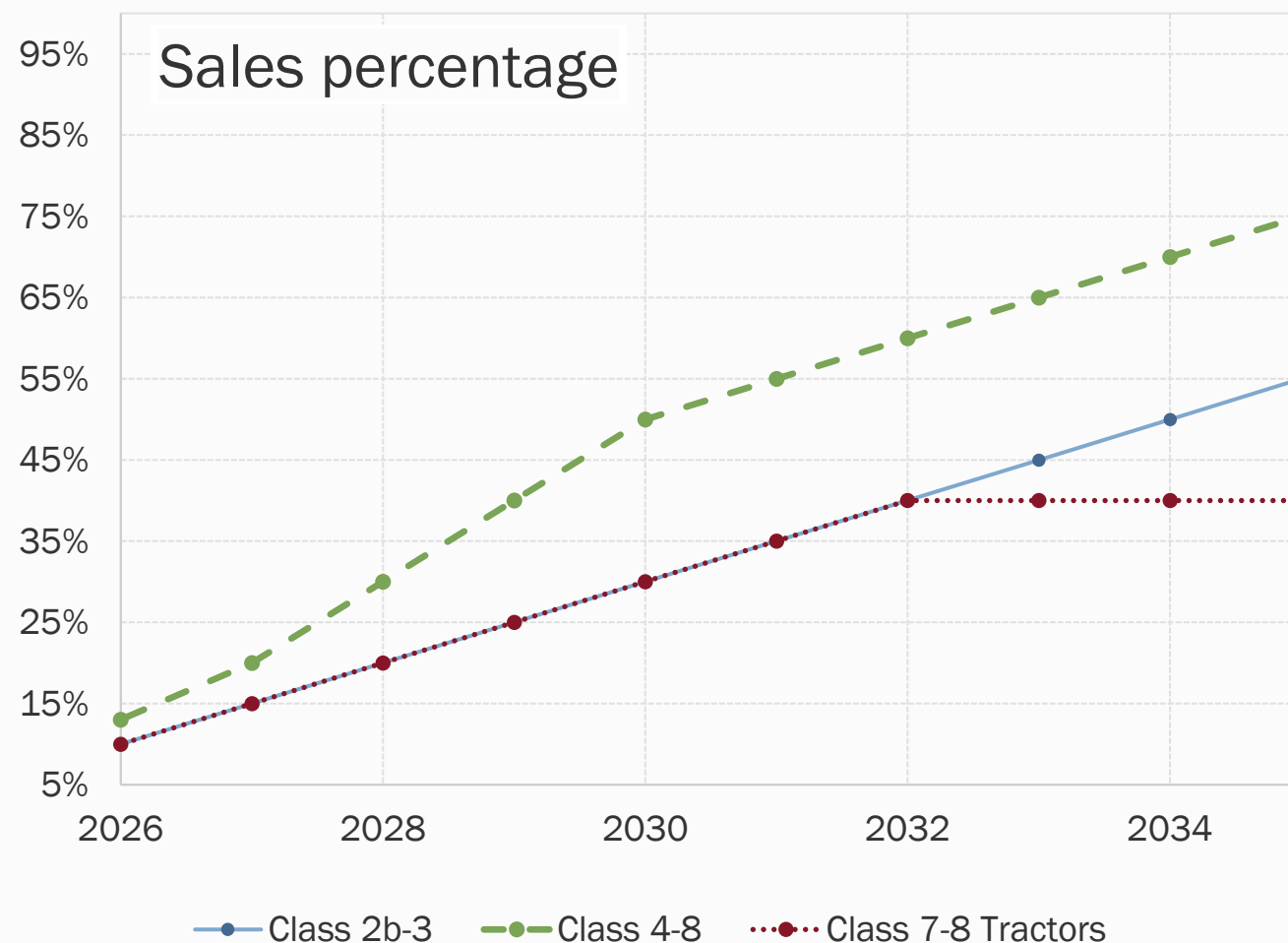
ACT implementation dates in other states

ACT states
represent
approximately
25% of the
heavy-duty
market

State	Applicable Model Year
California	2024
Colorado	2027
Maryland	2027
Massachusetts	2025
New Jersey	2025
New Mexico	2027
New York	2025
Oregon	2025
Rhode Island	2027
Vermont	2026
Washington	2025

Advanced Clean Trucks (ACT)

- Initially adopted by Ecology in 2021
- Requires truck and engine manufacturers to:
 - Increase sales** of new zero-emission and plug-in hybrid vehicles each year in Washington
 - Or purchase credits** from manufacturers who exceed the requirements



ACT potential rule revisions

- Adopt California's ACT amendments:
 - Edits to clarify existing language
 - Extends shortfall makeup period from one year to three years
 - Compliance to be based on reported sales of vehicles delivered into the state instead of when vehicles reach the ultimate purchaser
 - Additional manufacturer reporting and record retention requirements



ACT potential rule revisions, continued

- Allows secondary manufacturers to buy and sell ACT credits
- Allows manufacturers to certify Class 2b-3 vehicles to the zero-emission powertrain requirements
- Clarifies vehicle and engine labelling requirements so that the vehicle is clearly marked for sale in the Washington/ACT market
- Exempts Omnibus-compliant engines in Class 7-8 vehicles from deficit calculations in model year 2026
 - Reduces the credits needed for Class 7-8 vehicle (tractor and non-tractor) compliance by a minimum of 90% for model year 2026

ACT potential rule revisions, continued

Taken together, these changes address industry concerns by allowing additional time for manufacturers to report and make up a shortfall; increase manufacturer flexibility to provide combustion and zero-emission models simultaneously; and ease requirements for zero-emission Class 7-8 tractor sales in the early years of the program.

ACT benefits



- Large trucks and buses make up just **10%** of on-road vehicles but **30%** of on-road greenhouse gas emissions
 - Even larger shares of particulate matter (PM) and nitrogen oxides (NO_x)
 - Total cost of ownership for some zero-emission vehicles is already lower than diesel counterparts
 - All zero-emission vehicle classes are projected to have models cheaper to own than diesel within the next 10 years



- Advanced Clean Trucks will help WA clean up:
 - **47 million metric tons** of CO₂ through 2050
 - **47%** of NO_x pollution
 - **43%** of PM_{2.5}
 - And help avoid **~100** hospital visits and premature deaths annually!

Heavy-Duty Low-NOx Omnibus

- Adopted in Washington in 2022
- Requires heavy-duty engine manufacturers to emit less:
 - nitrogen oxides (NOx)
 - particulate matter (PM)
- Requirements begin 2026
- Rule language: [WAC 173-423-081](#)
 - Also here: [HD Omnibus Title 13](#) and [HD Omnibus Title 17](#)



Omnibus requirements

- NOx emission standards:
 - **75%** reduction from current standards in 2026
 - Reducing from 0.2 to 0.05 g/bhp-hr
 - **90%** reduction from current standards in 2027 and beyond
 - 0.02 g/bhp-hr
- PM emission standards:
 - **50%** reduction from current standards in 2026 and beyond
 - 0.005 g/bhp-hr
- Reductions achieved mostly through improved after-treatment technologies
- Improved Warranty, Useful Life, and Emissions Warranty requirements
- Implements CARB Phase 2 greenhouse gas standards



Omnibus potential rule revisions

- Adopt the amendments currently under consideration in California:
 - Clarifies existing language in amendments
 - Addresses manufacturer plans to restrict the supply of new diesel engines by allowing “legacy” engines to be sold through 2026
 - Allows for sale of legacy engines before they receive approval for an Omnibus-compliant engine family



Omnibus potential rule revisions, continued

Taken together, these changes allow time for more Omnibus-certified compliant engines to reach the market while maintaining emissions reductions through offsets to legacy engine sales

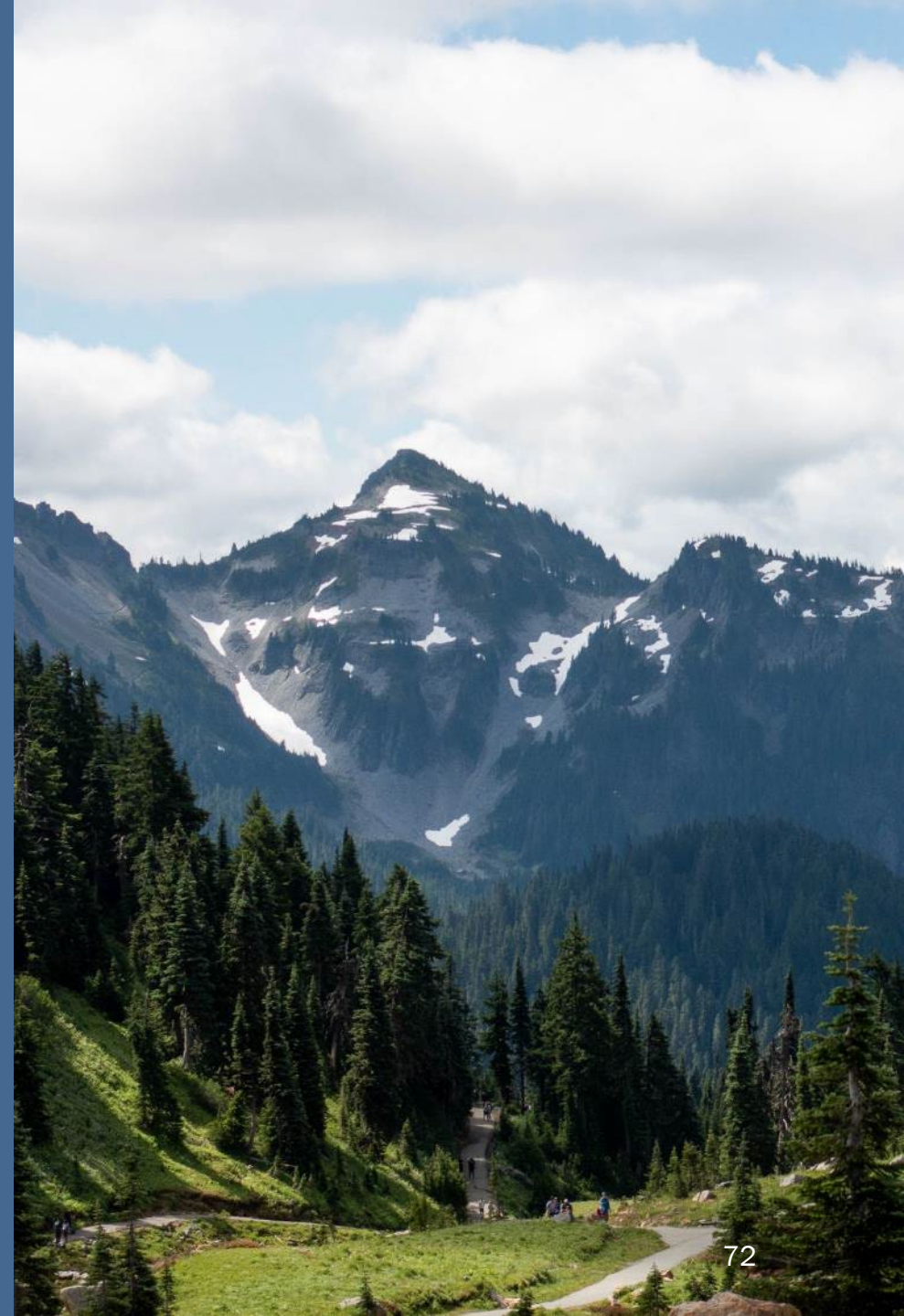
Omnibus benefits

- 35,640 tons of reduced NO_x emissions in Washington through 2050
- Improved health outcomes for people living near truck traffic:
 - Fewer premature deaths
 - Fewer hospital admissions for asthma and other breathing difficulties
 - Reduced health care costs for air pollution-related issues





Questions?

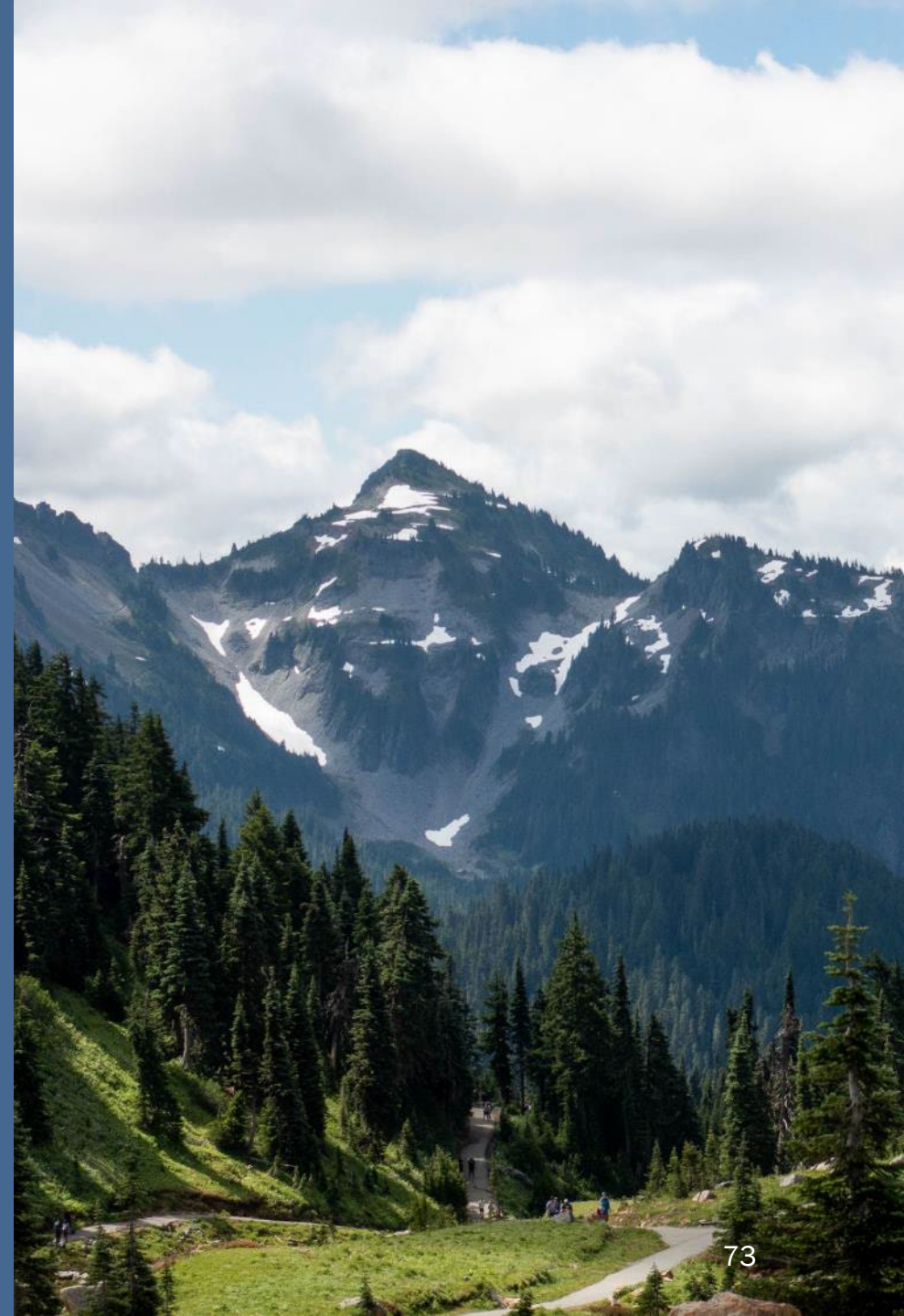




Comment online:

December 2, 2024 @ 12:00AM-
February 9, 2025 @ 11:59 PM

[https://ecology.commentinput.com
?id=FSWdBhRsP](https://ecology.commentinput.com?id=FSWdBhRsP)





Thank you

Dustin Watson

Mobile Source Air Quality Specialist

Dustin.Watson@ecy.wa.gov

Organics and Battery Rulemaking Update



Chris Fredley
SWM Program Rules Coordinator
January 9, 2025





DEPARTMENT OF
ECOLOGY
State of Washington

Organic Materials Management and Battery Stewardship Rulemakings

Chris Fredley

Solid Waste Advisory Committee

January 9, 2025

Organics Management Laws

1

Funding

- Five new grant programs

2

Collection & Management

- Business Organics Management Areas (BOMA)
- Organics Recycling Collection areas (ORCA)

Rulemaking authority
granted in RCW
70A.205.540

3

Prevention

- WA Center for Sustainable Food Management
- Good Samaritan Laws

4

Market Development

- Compost procurement ordinances
- Compost reimbursement program

5

Processing

- Organics Processing Facility Siting
- Compostable Product Labeling

6

Research

- Recommendations on the Compostable Product Usage (HB 1033)
- Assessment of Product Sticker Technologies
- Adequacy of funding for local solid waste management
- Assessment & Opportunities for Edible Food Recovery

Common Contaminants in the Organic Stream

The most common contaminants at Washington organics management facilities are:



Plastic film



Plastic



Dog toys



**Glass
and metal**



Garbage



**Lookalike
products**

Based on qualitative interviews of 14 compost facilities for the
[Compostable Products Management in WA State Study](#)

Contamination Addressed in this Rulemaking

Includes:

- Plastic
- Paper packaging
- Paper products
- Metal
- Rubber
- Treated wood
- Other non-compostables

Does Not Include:

- Toxic materials or substances

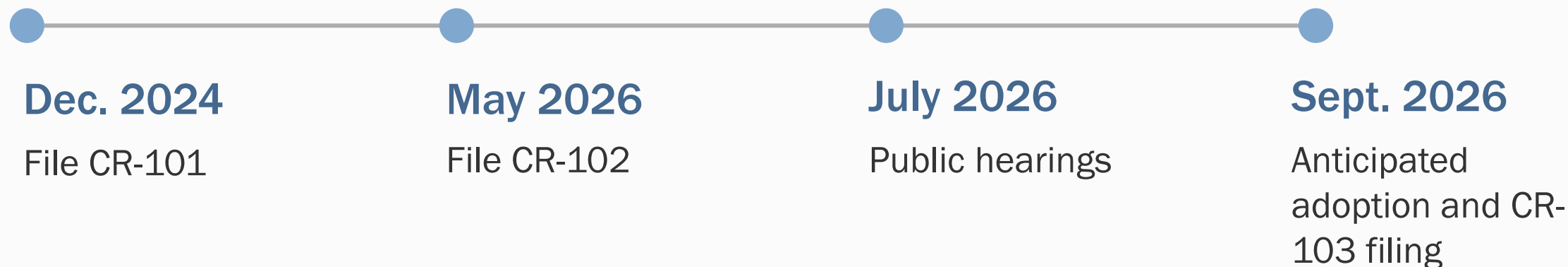


Organic Materials Rulemaking Goals and Objectives

- Establish standards to limit contamination of incoming feedstock and outgoing finished products.
- Establish new standards for pre-processing feedstocks
- Fix deficiencies in the current rule to address other methods of managing organic materials



Organic Materials Rulemaking Timeline





Battery Stewardship Program



EPR Laws in Washington

2007
RCW 70A.500



2010
RCW 70A.505



2017
RCW 70A.510



2018
RCW 69.48



2019
RCW 70A.515

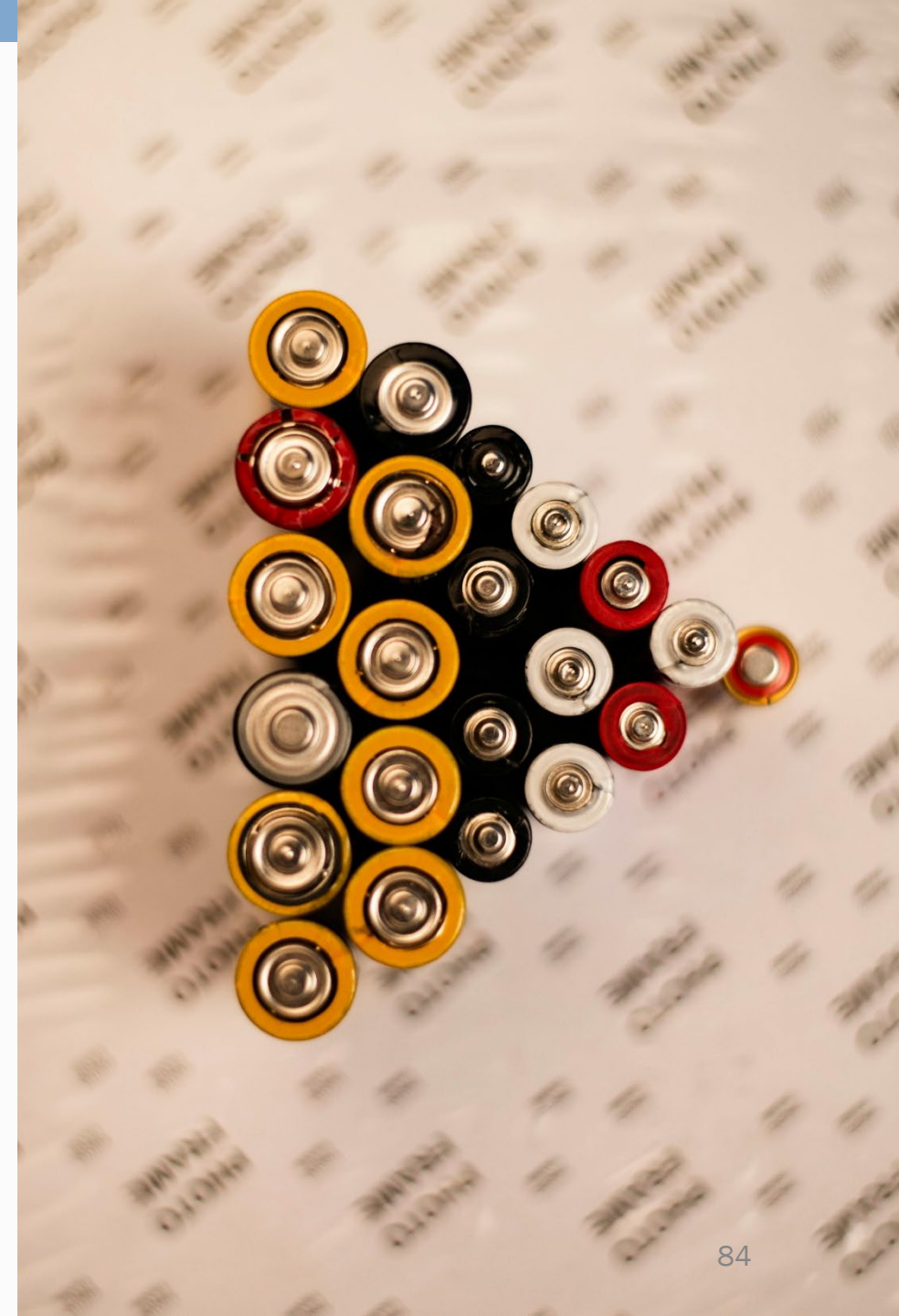


2023
RCW 70A.555



Battery Stewardship Program Goals and Objectives

- Address end-of-life battery management issues
- Provide equitable statewide battery recycling opportunity
- Improve the collection rate of batteries for recycling
- Reduce confusion regarding proper disposal options



Covered Batteries for Collection

Required to be collected

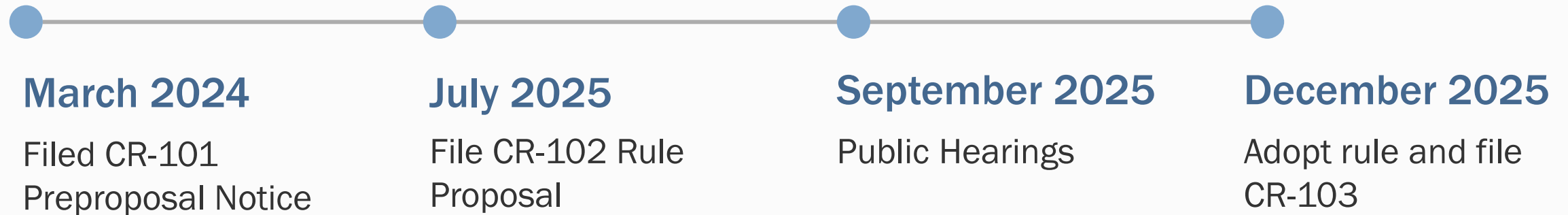
- Portable batteries
 - Rechargeable batteries: < 11 pounds
 - Non-rechargeable batteries: <4.4 pounds
- Medium format batteries
 - Rechargeable batteries: 11 - 25 pounds
 - Non-rechargeable batteries: 4.4 – 25 pounds

Not required to be collected:

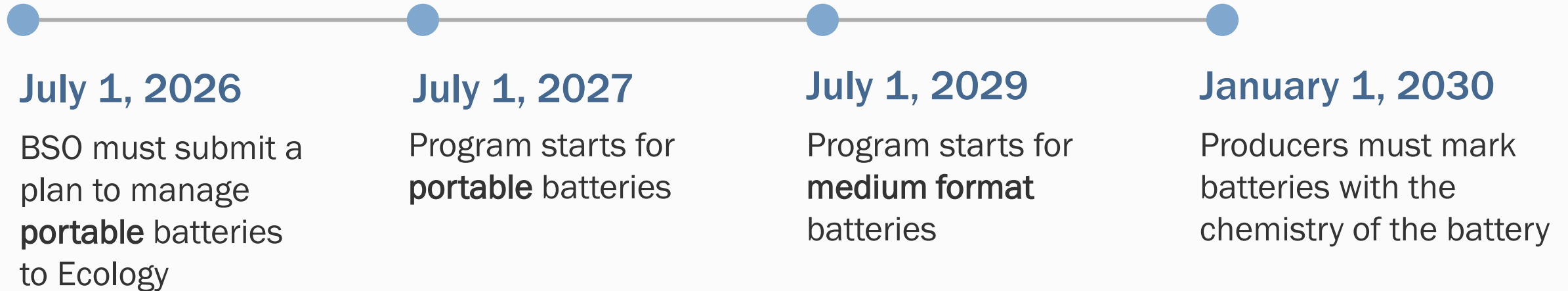
- Batteries inside a product that are not intended to be removed, including those in medical devices not marketed for sale or resale to consumers.
- Lead acid batteries weighing more than 11 pounds
- Large format batteries (>25 pounds)

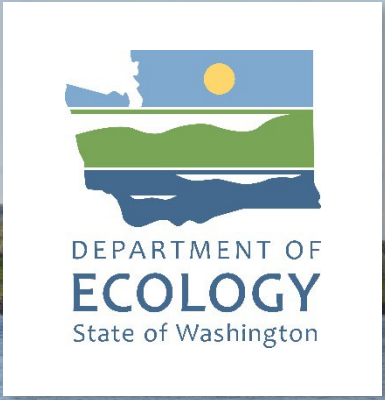


Battery Stewardship Rulemaking Timeline



Battery Stewardship Implementation Timeline

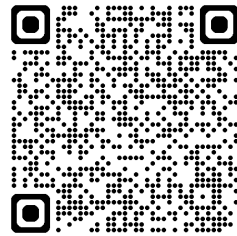




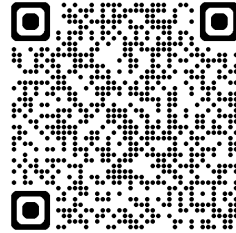
Thank you

For More Information:

Organics Management
Rulemaking



Battery Stewardship
Program Rulemaking



Questions?

Chris Fredley
SWM Program Rules Coordinator
chrf461@ecy.wa.gov | 564-233-1615

Agenda

Solid Waste Advisory Committee Meeting
January 9, 2025 | 9:30 a.m. – 11:20 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 Update~~

~~9:40 a.m. | 5 minutes | Peter Lyon, Solid Waste Management Program~~

~~Legislative Session Update~~

~~9:45 a.m. | 10 minutes | Julie Robertson, Solid Waste Management Program~~

~~Tacoma Incentives for Solid Waste Businesses~~

~~9:55 a.m. | 15 minutes | Lewis Griffith, City of Tacoma Environmental Services Department~~

~~Industrial Stormwater General Permit~~

~~10:10 a.m. | 20 minutes | Shannon McClellan and Jeff Killelea, Water Quality Program~~

~~Advanced Clean Truck Rule Implementation~~

~~10:30 a.m. | 20 minutes | Dustin Watson and Rebecca Sears, Climate, Pollution, & Reduction Program~~

~~Organics and Battery Rulemaking Update~~

~~10:50 a.m. | 15 minutes | Chris Fredley, SWM Program Rules Coordinator~~

Member Updates & Roundtable

11:05 a.m. | 15 minutes | Troy Lautenbach (Chair)

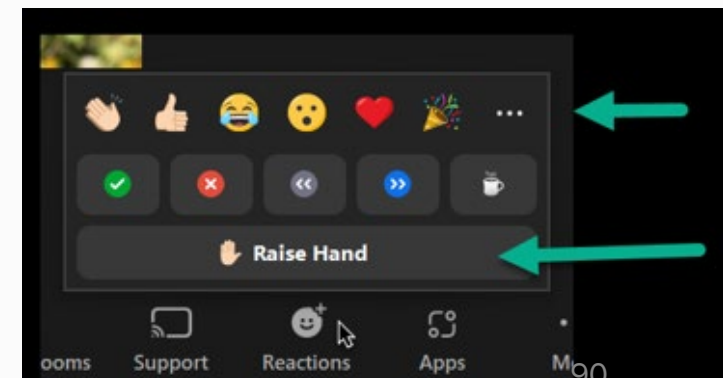
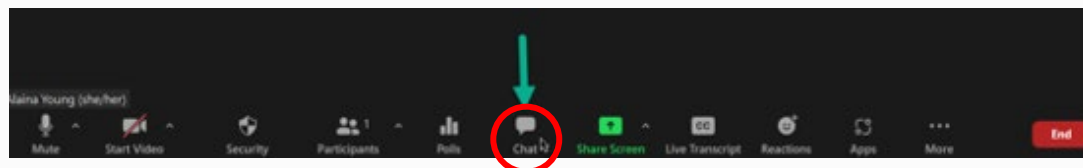
Adjourn

11:20 a.m.

Member Updates & Roundtable

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.





Thank you for joining us today!