

AGENDA
CLALLAM COUNTY SOLID WASTE ADVISORY COMMITTEE
Clallam County Courthouse, Room 160
223 East 4th St Port Angeles, WA
September 28, 2022 – 3:00 p.m.

****ATTENTION****

Clallam County Solid Waste Advisory Committee meetings will also be available virtually at:

If you would like to participate in the meeting via Zoom audio only, call 253-215-8782 and use meeting ID: 938 0529 7962 and passcode: 12345

If you would like to participate in the meeting via Zoom video conference, visit <https://zoom.us/join> and use Meeting ID: 938 0529 7962 and passcode: 12345

This meeting can be viewed on a live stream at this link: <http://www.clallam.net/features/meetings.html>

Public comment and questions can be directed to County Public Works-Roads at 360-417-2290 or sgray@co.clallam.wa.us

A. WELCOME/CALL TO ORDER/ROLL CALL

B. REQUEST OF MODIFICATIONS/ADDTIONS TO AGENDA

C. PUBLIC COMMENT – Please limit comments to three minutes

D. APPROVAL OF PREVIOUS MEETING MINUTE(S): August 24, 2022

E. REPORTS AND PRESENTATIONS

1. Joint Solid Waste Advisory Board (JSWAB) Update.
2. Update on Clallam County Public Works 2021-2023 Local Solid Waste Financial Assistant Grant from the WA. State Department of Ecology.

F. CONTINUING MATTERS

G. NEW BUSINESS ITEMS

1. Discussion on changes to Hazardous Waste Small Quantity Generator (SQG) acceptance and collection in Jefferson County with Al Cairns, Jefferson County Solid Waste Manager.
2. Presentation on Use Food Well Washington Plan and 2022 Organics Management Law by the Department of Ecology.

H. NEXT-MEETING/FUTURE AGENDA ITEMS DISCUSSION – Confirm next meeting date and targeted discussion items.

I. PUBLIC COMMENT – Please limit comments to three minutes

J. ADJOURNMENT

**Clallam County Solid Waste Advisory Committee (SWAC)
August 24, 2022 Meeting Minutes**

Abbreviations:

City of Port Angeles (CoPA); City of Sequim (CoS), Clallam County: ClaCo; Environmental Health (EH) City of Forks (CoF); Waste Connections (WC) , Ecology (ECY), Jamestown S'Klallam Tribe (JSKT) Solid Waste Management Plan (SWMP)

DRAFT

A. Roll Call:

Members:

Brian Tate, WC alt
Steve Johnson, Business rep (Lazy J)
Meggan Uecker, CoS alt
Jenson, Ag Rep
Steve Gray, ClaCo rep
Mark Ozias, ClaCo alt

Staff/Interested Parties:

Jonathan Boehme, CoPA Engineer
Eli Owens, ClaCo EH
Jen Garcelon, ClaCo EH
Arthur Green, A-M Systems
David Pater, ECY
Dayhawk Kim, A-M Systems
Tom Ehrlichman, A-M Systems attorney

B. Request of modifications/additions to agenda: None. Agenda approved.

C. Public Comment. None

D. Motion to approve 7/27/22 minutes made by Steve Johnson, 2nd by Brian Tate. Approved.

E. REPORTS AND PRESENTATIONS. None.

F. CONTINUING MATTERS

1. CoPA response to June Committee Questions:

- Meggan Uecker asked for clarification on biosolids response. Eli Owens noted there was a temporary permit for disposal at Roosevelt Landfill, expiring soon. After that biosolids planned to be directly land applied, not co-composted.
- Jenson asked if glass analysis is completed and scheduled for CoPA Council presentation. Jonathan Boehme confirmed the CoPA will continue to accept materials for composting.
- Steve Johnson asked if composting was going to continue; Lazy J is at capacity. As noted in the CoPA response, the City will continue to accept materials for composting, but are not currently processing material to make compost.
- Meggan Uecker noted that question on tonnage was poorly worded. Suggested that SWAC ask for annual tonnage report by Q1 of 2023 with a breakdown by collected commodities (trash, various recycling commodities, yard waste/biosolids) as has been previously presented by CoPA.
- Jenson asked if the Joint Solid Waste Advisory Board (JSWAB) was scheduled to meet on August 25 and requested an update at next SWAC meeting.

G. NEW BUSINESS ITEMS

1. City of Port Angeles (CoPA) Capital Facilities Plan (2023-2028)

Jonathan Boehme presented the CoPA Capital Facilities Plan '23-'28 provisions related to solid waste including information on active, planned, or unfunded projects. He noted the cash flow analysis shows largest expenditures is paying off bonds for landfill cell project. Projects highlighted included:

- Landfill Operating Software-'22 Transfer Station Scale House project
- Transfer Station 0421-New containers (due to CoPA taking over service) purchased '21 & '22
- Solid Waste Vehicle Replacement Schedule (in Fleet Services CIP section)-\$3.45M in new equipment for operation of transfer station & collections '22

- Decant Facility-replace old facility with new, different site; funded heavily through grant & other CoPA utilities
- Facility Assessment-assessing fleet yard used by solid waste utility
- Landfill pump station-wastewater from LF project
- Landfill Access Road Repair-road into transfer station to scale shack
- Landfill Automated Facility Gate-upgrade manual to automatic

Discussion followed:

- David Pater asked if any capital funds had any compost operations funding. No, need not known at time of CIP development
- Meggan Uecker asked about revenue, specifically reserves, and how that would affect rates over time, in paying for new expenditures? No rate change in '23.
- Meggan asked if decant was to receive outside contaminated soils. No, outside soils go to tipping floor.

2. *County Public Works Solid Waste Grant*

Steve Gray referenced and highlighted the current County Public Works Local Solid Waste Financial Assistance (LSWFA) two grant project tasks that were included in the packet materials and potential amendments to the two grant tasks. Amendments under consideration included expanding scope and budget for Task 1 efforts by WSU Extension related to organics study and plan. Also, LSWFA Task 2 is targeted for amendment due to no specific needed amendments to the recently adopted (2021) SWMP have been identified. Discussion followed:

- Steve Johnson supported direction of amendments.
- Meggan Uecker noted the planned amendments to Task 1 scope and budget will allow for more robust work around organics and stays within the intent of the original scope. David Pater suggested more details within the study, and/or implementation pieces likely needed to justify increased expenditures. Mark Ozias offered thanks to ECY for flexibility on grant agreement
- Steve Gray highlighted provision in HB 1799 (2022 Organics Management Law) that would need to be addressed in future SWMP and County Comprehensive Plan.
- Steve Gray noted LSWFA Task 2 likely to be reduced in scope of work possibly to review implementation or analyzing updates needed in preparation for future revisions, getting ready for the upcoming LSWFA 23-25 Grant Round. The current SWMP implementation strategy summary was included in the packet materials.

H. NEXT-MEETING/FUTURE AGENDA ITEMS DISCUSSION

- The next meeting of September 28, 2022 was confirmed. The following agenda items were identified:
 - Bylaw subcommittee update if they meet prior to next SWAC
 - Organics management law HB 1799 (2022 Organics Management Law) update presented by ECY (ECY Use Food Well team and/or David Pater will provide the presentation). ECY has a web page on the 2022 Organics Management Law and is hoping to release focus sheets soon.
 - Joint Solid Waste Advisory Board update
 - Hazardous Waste Small Quantity Generator (SQG) discussion if Jefferson County is available

I. PUBLIC COMMENT: None.

Adjourned by 4:17p

DRAFT



Department of Public Works Jefferson County, Washington

623 Sheridan Street
Port Townsend, WA 98368
360-385-9160

PRESS RELEASE

September 19, 2022

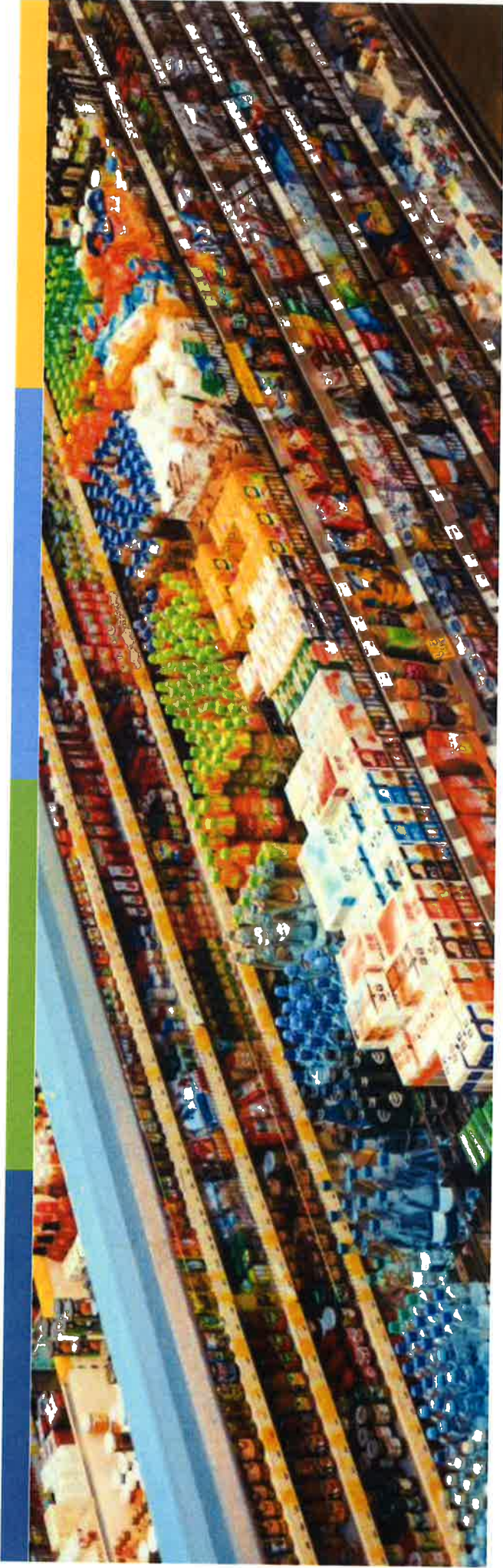
Staffing shortages within the Public Works Solid Waste Division have created a challenge to maintaining customer service at the Moderate Risk Waste Facility in Port Townsend and this has led to several days of operations being canceled in August and September.

Public Works understands the importance of providing residents and businesses with a safe and reliable means of disposing of potentially hazardous materials. Our last day of Moderate Risk Waste Facility operations will be September 30th and after this date we will continue to offer this service with collection events outside of the Moderate Risk Waste Facility. These collection events will be held throughout the county and throughout the year.

We appreciate our customer's patience as we transition to delivering household hazardous waste collection services in this new arrangement with collection event dates and locations to be announced shortly.

Contact:

Al Cairns
Solid Waste Manager
Jefferson County Department of Public Works
acairns@co.jefferson.wa.us
(360)385-9213



Managing Organic Residuals

Mary Harrington

Organics Management Lead, Department of Ecology

Recent Legislation of Interest

- [70A.205.715 RCW](#) – legislation passed in 2019 to reduce food waste.
 - Resulted in creation of the [Use Food Well Washington \(UFWW\) Plan](#).
- [E2SHB 1799](#) or the Organics Management law - passed in 2022
 - among other things, requires a phased-in organics collection program to divert organics away from landfill disposal and to organic materials management facilities.

Context

The goals of the UFWW Plan and the Organics Management law are to:

- Prevent the generation in the first place
- Rescue edible food for people who need it
- Recover organics to create beneficial products
 - Including RNG, digestate, and compost
- To reduce methane generation from landfills

Definitions

- **Wasted food:** The edible portion of food waste. (RCW 70A.205.715 – UFWW)
- **Food waste:** Waste from fruits, vegetables, meats, dairy products, fish, shellfish, nuts, seeds, grains, and similar materials that result from the storage, preparation, cooking, handling, selling, or serving of food for human consumption. "Food waste" includes, but is not limited to, excess, spoiled, or unusable food and includes inedible parts commonly associated with food preparation such as pits, shells, bones, and peels. "Food waste" does not include dead animals not intended for human consumption or animal excrement. (RCW 70A.205.715 – UFWW Plan)
- **Organic Materials:** Includes, but are not limited to, manure, yard debris, food waste, food processing waste, wood waste, and garden waste. (E2SHB 1799)
- **Organic materials management:** means management of organic materials through composting, anaerobic digestion, vermiculture, black soldier fly, or similar technologies. (E2SHB 1799)

Strategies



Prevention: Prevent and reduce the amount of food wasted.

Rescue: Rescue edible food that would otherwise be wasted and ensure the food reaches those who need it.

Recovery: Support productive uses of inedible food materials, including using it for animal feed, energy production, and nutrient recovery through anaerobic digestion, and for off-site or on-site management systems including composting, vermicomposting, or other biological systems.

UFWW Plan Goals and Alignment

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

CHAMPIONS 12.3

Regional
CA, OR, WA, and B.C.



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

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

(Note: the Organics Management law added: by 2025, 20% of edible food be rescued for human consumption)

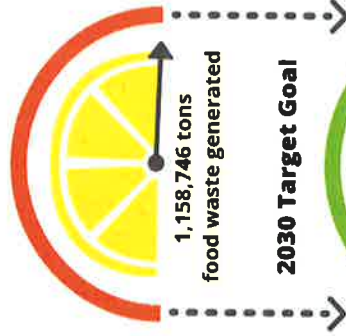
2030 Food waste reduction goals



Goal 1

Reduce food waste generated by 50 percent by 2030.

2015 Baseline Data



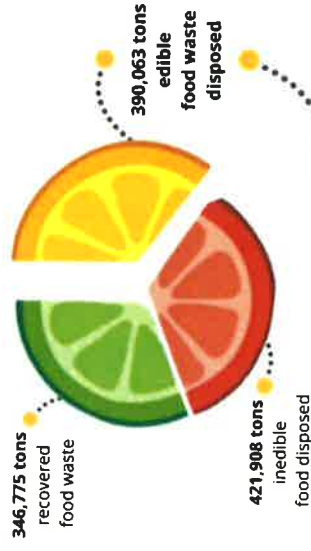
2030 Target Goal



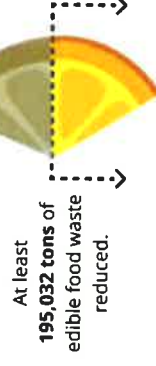
Goal 2

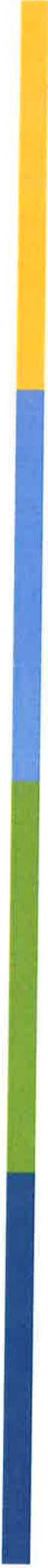
Reduce at least half of edible food waste by 2030.

2015 Baseline Data

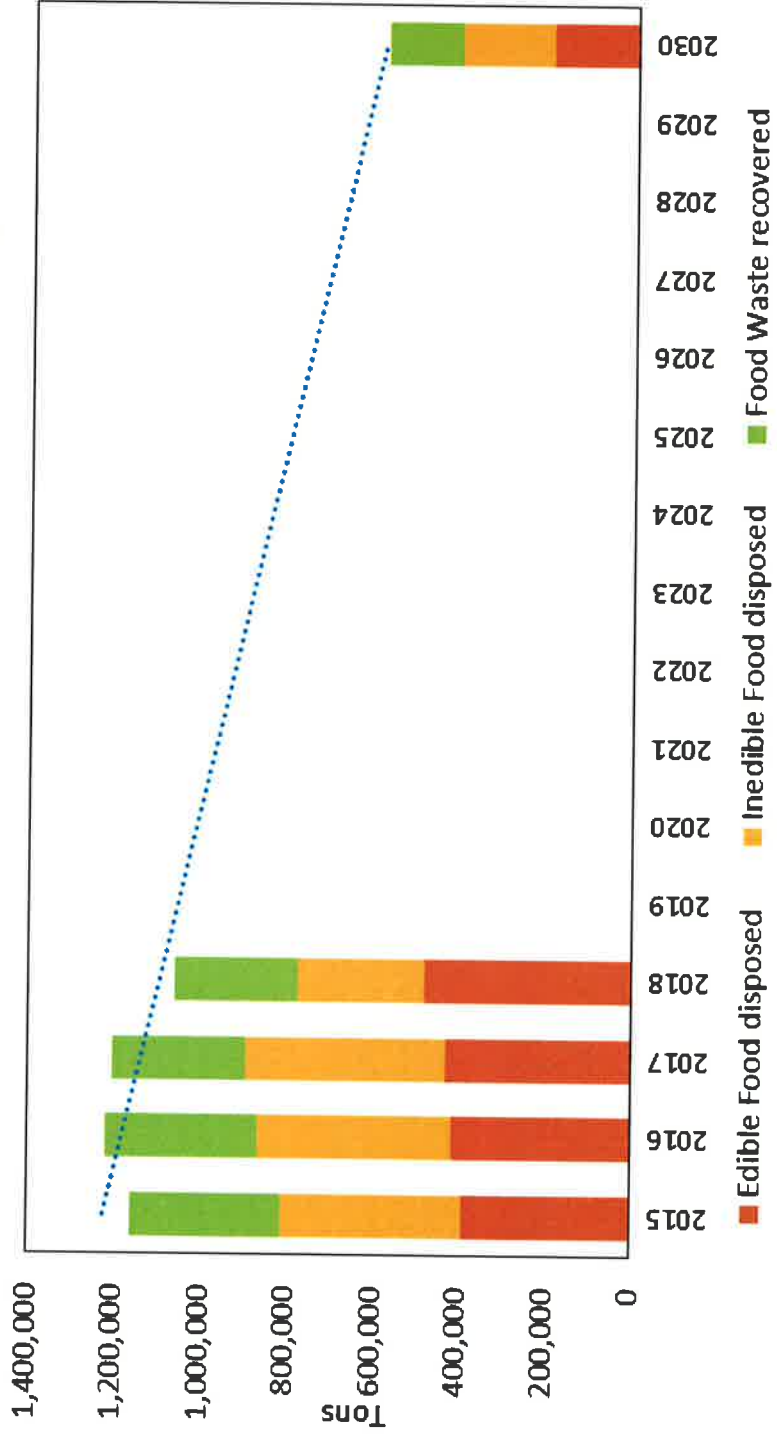


2030 Goal





Food Waste Generated in Washington with 2030 Target





UFWW Plan Development



30 recommendations to meet the 2030 food waste reduction goals



Federal policy (4)

State policy (9)

Funding (4)

Public education (2)

Infrastructure development (11)



U.S. Capitol Building
(U.S. Federal Government)

Federal policy recommendations

1. Strengthen the Bill Emerson Good Samaritan Food Donation Act
2. Support a national date labeling standard
3. Increase markets for lower-grade or “imperfect” produce
4. Improve federal tax incentives



Washington State Capitol
(Department of Enterprise Services)

State policy recommendations

5. Create the Washington Center for Sustainable Food Management (Food Center)
6. Continue support for Pacific Coast Food Waste Commitment
7. Connect UFWW Plan to the Food Policy Forum
8. Research strategies and develop partnerships to prevent food from entering landfills
9. Improve regulatory certainty for organics management facilities



School staff and students participate in a waste sort (EarthGen Washington)

State policy recommendations

10. Develop an emergency food distribution plan for Washington schools
11. Support 20-minute seated lunch minimum in Washington elementary schools
12. Support recess before lunch in Washington elementary schools
13. Increase access to food waste reduction education in Washington schools

Funding recommendations

14. Dedicate state grant funding for statewide food waste reduction
15. Increase funding for local health jurisdictions
16. Increase funding for local government food waste reduction
17. Build more farm to school partnerships



(Karolina Grabowska, Pexels)

I'M A
~~BAD~~
APPLE



**DON'T LET
GOOD FOOD
GO BAD.**

Hi, I'm a bad apple, and I can cost you real money.
Spoiled food like me costs each household here in
Oregon over **\$1,600** a year on average.

Learn More at: Don'tLetGoodFoodGoBad.org



Public education recommendations

18. Develop and maintain statewide food waste reduction campaigns
19. Develop and maintain a statewide food waste contamination reduction campaign

Poster from Oregon's new food waste reduction education campaign. (Oregon DEQ)



Cold storage facility
(Food Lifeline)

Infrastructure development recommendations

20. Increase use of food waste and wasted food data tracking
21. Develop and maintain maps of food and wasted food flows
22. Improve food donation transportation
23. Increase access to cold chain management
24. Build more community food hubs

Infrastructure development recommendations



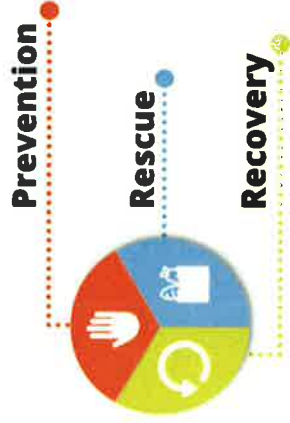
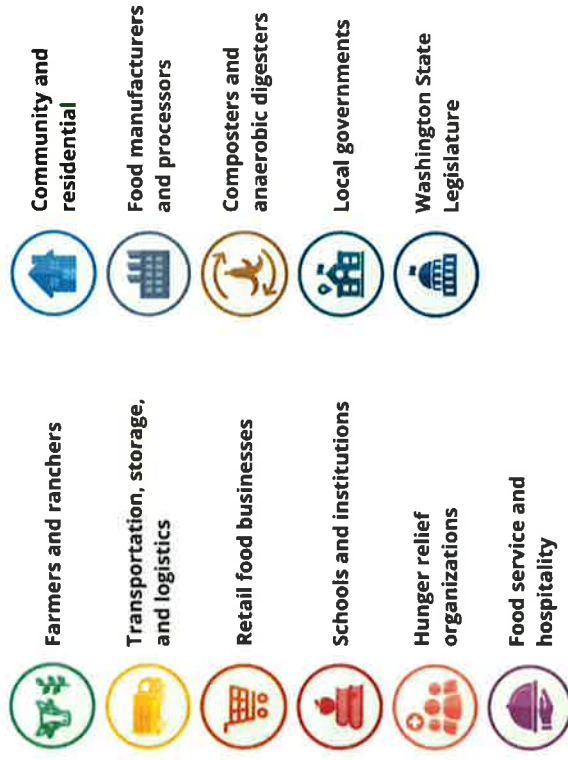
- 25. Support-value added food processing and manufacturing
- 26. Increase infrastructure investment in Washington schools
- 27. Expand anaerobic digestion at water resource reclamation facilities, compost facilities, and farms
- 28. Develop high-solids anaerobic digesters for mixed organic residuals
- 29. Increase use of small-scale anaerobic digestion
- 30. Diversify food waste management systems

UFWW Plan and ESHB 1799



Helpful tips and tricks

Food sector icons



25. Support value-added food processing and manufacturing



Recommendation

Support value-added food processors and manufacturers by:

- Increasing incentives for sector development in rural and urban areas.
- Promoting innovations in de-packaging and re-packaging technology.
- Increasing understanding of regulations and best practices for value-added food processing and manufacturing.
- Assessing the opportunities for large-scale food donations and food preservation to prepare food at risk of spoilage for donation or resale.

Overview

Value-added food processing is the process of taking a raw commodity and changing its form to produce a high-quality end product. In Washington, this can look like a farmer making salsa out of some of their tomato crop, or a company purchasing food residuals from a manufacturing process and then upcycling them into baking and smoothie ingredients.

Value-added food processing has the potential to have a large role in food waste reduction work across the state. When fully implemented, this recommendation has the potential to annually divert 27,854 tons of food waste from the landfill, while generating annual net benefits of approximately \$40 million. To catalyze this work, this recommendation supports the following actions:

Goal: Costs and benefits

- Costs
 - Research & development
 - Staff
 - Machinery & equipment
 - Regulations
- Benefits
 - Avoided or reduced costs
 - Food waste diversion
 - Emissions
 - Ancillary benefits



Total impacts

	Cumulative Annual Costs	Cumulative Annual Gross Benefits	Cumulative Annual Net Benefits	Cumulative Annual Diversion Potential (tons)	Cumulative GHG reduction potential (MTCO2e)	Avoided SCC 2022
Federal policy	\$28 million	\$113 million	\$85 million	49,000	71,000	\$6 million
State policy	\$17 million	\$54 million	\$36 million	142,000	204,000	\$16 million
Funding	\$53 million	\$473 million	\$420 million	109,000	156,000	\$12 million
Public education	\$5 million	\$142 million	\$137 million	47,000	67,000	\$5 million
Infrastructure development	\$233 million	\$690 million	\$457 million	979,000	1,409,000	\$111 million
Grand total	\$344 million	\$1.5 billion	\$1.1 billion	1.3 million tons	1,907,000 MTCO2e	\$151 million

UFWW Plan and ESHB 1799



Next steps

- We all have an opportunity to use food well!
- Ecology:
 - Annually tracks data and progress
 - Works with agency partners and subject matter experts
 - Focus is on implementing the Use Food Well Washington Plan
- How you can help:
 - Spread the word with your experts and stakeholders
 - Participate in UFWW Plan implementation
- Read the plan and more on our [webpage](#)
 - Stay connected by subscribing to the [email list](#)

Organics Management law – Highlights

- Goals
 - By 2025, rescue 20% of previously disposed edible food for human consumption, compared to 2015 levels.
 - By 2030, reduce 75% of previously disposed organic material going to landfills, compared to 2015 levels.
- Requires Ecology to work with a third-party consultant to evaluate adequacy of local government solid waste management funding.
- Focuses on implementing required collection and management of organic waste from all residents and some businesses.
- Establishes Washington Center for Sustainable Food Management



Organics Management Facility Siting

- To expand infrastructure capacity and/or volumetric capacity:
 - After July 2024, new or updated Comprehensive Solid Waste Management Plans must include identification of possible locations for organic materials management facilities.
 - After January 2025 Comprehensive Plans must include identification of possible locations for organic materials management facilities.
 - Identified locations may not be in overburdened communities
 - Need to know how much organic material is generated in the county and if capacity exists to manage that material.



Compost Procurement

- Compost procurement for public works projects
- By January 1, 2023, cities and counties with a population greater than 25,000, and providing curbside organic materials collection, must adopt a compost procurement ordinance
- By December 31, 2024 and each even-numbered year thereafter, local governments are required to report to Ecology on source and amount of compost procured, and tons of organic materials diverted from the landfill.



Plastic Product Degradability

- **Product Degradability Labeling for compostable packaging**
 - Moves enforcement authority from the state Attorney General to the Department of Ecology, cities, and counties to enforce and issue and collect civil penalties
- Enforcement is complaint based
- Ecology responsible for developing a forum for filing of complaints
- Ecology will work with jurisdictions to educate retailers, consumers and producers about updates to the law.

Summary

- Many paths to sending less organics to landfills.
- The UFWW Plan focuses on FOOD waste:
 - Prevention, Rescue, and Recovery



- The Organics Management law focuses on diverting all organic materials from landfill disposal to organics materials management facilities.
- Both will push the need for more organic materials management infrastructure.



Next Steps for Local Governments

- Continue to support edible food rescue programs
- Support prevention, rescue, and recovery programs to divert more organics away from landfill disposal
- Prepare a compost procurement ordinance to use local compost in Public Works projects
- Support efforts to educate residents on the value of compost, recycling, and contamination reduction

Contact Information



Vander Haak Dairy Digester/Craig Freer

Name of presenter

Mary Harrington

Mary.Harrington@ecy.wa.gov

(360) 749-8233 (cell)

Jade Monroe

Food waste reduction lead
Solid Waste Management
Jade.Monroe@ecy.wa.gov
(360) 628-4031

Kasia Patora

Lead Economist
Ecology Rules & Accountability Section
Kasia.Patora@ecy.wa.gov
(360) 529-7268