

# **KITSAP COUNTY SOLID WASTE ADVISORY COMMITTEE**

**ZOOM Meeting**

**December 2, 2020**

**4:00 PM**

## **AGENDA**

**APPROVAL OF AGENDA**

**APPROVAL OF MINUTES**

**CORRESPONDENCE**

### **KCPW**

- **Kitsap County Contamination Reduction and Outreach Plan (CROP) presentation/discussion - Caitlin Newman**
- **Statewide Bag Ban update – Caitlin Newman**
- **OVTS operations procurement update – Chris Piercy**

**ROUND TABLE DISCUSSION**

**PUBLIC COMMENTS**

## **SOLID WASTE ADVISORY COMMITTEE (SWAC)**

### **MEETING MINUTES, December 2, 2020**

**Those present:** Regional/Cities: City of Bainbridge Island – Diane Landry, City of Bremerton – Melinda Monroe, City of Port Orchard – Stephanie Bailey, City of Poulsbo – Shannon Wood, North Kitsap – Douglas Chamberlain; Commercial: Bill Rich; Organics Management: Olympic Organics, Jeff West; Industry: Bainbridge Disposal – Heather Church, Waste Management – Robert Hall; NAVFAC - Les Hastings

KCPW SWD: Chris Piercy, Caitlin Newman, Barbara Bricker, Tamara Krueger

KPHD: Steve Brown

**Those Absent:** Regional/Cities: Central Kitsap – John Poppe, South Kitsap – Eric Lenius; Agriculture: Erika Anderson; Suquamish Tribe – Jaime Lawrence; Port Gamble S’Klallam Tribe – vacant

### **APPROVAL OF AGENDA**

Agenda approved

### **APPROVAL OF THE MINUTES**

Minutes for the October 7, 2020 meeting approved.

### **CORRESPONDENCE**

No correspondence

### **KCPW**

**Caitlin Newman presented the Kitsap Solid Waste process timeline for the Recycling - Contamination Reduction and Outreach Plan (CROP)**

Caitlin discussed where Kitsap Solid Waste is in the process of developing their CROP. She explained how gathering information from past and present audits and studies of contamination is a large part of writing the plan and fortunately Kitsap has collected a lot of data to use. Focus on changing people’s behavior is a large and difficult part of the

process, and more than just outreach is needed to get people to make those changes. Another significant part is reaching out to other regions to harmonize messaging.

Caitlin will present Kitsap's CROP draft at the next SWAC meeting. We will send the draft before February's meeting to give SWAC members time to read it and give feedback.

Presentation attached below

### **Questions/Suggestions:**

*Can an information flyer/decals be added to the recycling carts when they are delivered?*

Decals are a top recommendation of the State's CROP and will be included in the local plan. We hope to have discussions with stakeholders about how to implement this idea.

*Can organics be included in the contamination reduction plan, as the collection is expanded over the next three years?*

Minimizing contamination is an important part of the expansion and our outreach team will focus on this. Organics will not be included in the Contamination Reduction and Outreach Plan, however.

### **Caitlin – Update on the statewide plastic bag ban**

The statewide plastic bag ban is scheduled to start January 1, but implementation is likely postponed due to Covid restrictions. Questions about the plastic bag ban law? Check the Ecology website.

<https://ecology.wa.gov/Waste-Toxics/Reducing-recycling-waste/Plastic-bag-ban>

### **Questions:**

*What happens with the county plastic bag ban ordinance?*

The current plan is that our Kitsap law will remain active for one year. Enforcement is currently paused by resolution for the Covid restrictions.

### **Chris Piercy - Olympic View Transfer Station RFP update.**

All proposals were due by November 19, Kitsap received two proposals for the OVTS procurement. There are many alternative options proposed by the two submittals

making them complicated to review. We should have an idea of who will be awarded the contract by the February meeting.

## **Comment**

**Heather Church** - It would be good if the County chooses a provider who is willing to haul all the recyclables from the county to the MRF in Tacoma, Bainbridge was excluded in the last contract.

Chris responded that it is an item for future consideration, but the goal of this contract is to meet the best interest of the ratepayers. Efficient transport of recyclables is definitely an issue of concern. That being said, the current transload area will not be available in the next contract and collection companies need to find a sustainable location within their own operations to improve efficiencies.

## **ROUND TABLE DISCUSSION**

### **Chris Piercy –**

- The Solid Waste Capital Facilities Plan was accepted at the Board of Commissioners meeting November 23; all eight projects were approved.
- In January, the new Solid Waste Division Outreach and Education staff member Christina Duggar starts her new position. Moving from New Orleans. She was a Solid Waste Specialist in Jefferson Parish, Louisiana.
- The Board of Commissioners renewed Doug Chamberlain and Erika Anderson's SWAC appointments.
- At the February meeting SWAC will review and vote to accept the 2021 Work Plan and SWAC officers. The work plan will be sent ahead of time for members to review.
- Silverdale project is waiting for PSE approval of the new design to move forward.
- North Kitsap Roads/HHW project is in design.
- Kudos to Kitsap County Public Works, over 300 staff and no known Covid cases to date.
- Congratulations to Caitlin Newman, now six months in her new position as Program Supervisor.

**Caitlin Newman** – The Styrofoam round-up scheduled for January 2, is postponed. The location at the fairgrounds where the collection takes place is now a Covid testing site. We are tentatively planning one for spring pending restrictions lifting.

**Diane Landry** – The Zero Waste styrofoam collection event is scheduled for the end of January. They are waiting until the first of January to make the decision to continue or cancel the event. Thank you, Caitlin and Chris, for attending the Zero Waste meeting and providing input.

**Jeff West** – Tree recycling will be free with a food donation at Olympic Organics.

**Shannon Wood** – The City of Poulsbo website is updated with the latest bag ban and recycling information.

**Heather Church** – Dave Stanley has retired from Bainbridge Disposal. SWAC members wish him the best of luck in his retirement.

### **ADJOURNMENT**

There being no further business the meeting adjourned at 5:05 p.m.

### **NEXT MEETING**

The next meeting is tentatively scheduled for February 3, 2021

# Kitsap's CROP

CONTAMINATION REDUCTION AND OUTREACH PLAN

# RECYCLING CONTAMINATION REDUCTION

*Best Management Practices*



# Contamination behaviors

**Put item that they aren't sure is accepted by recycle program in recycle bin**



57%

**Put item with food or beverage residue in the recycle bin**



45%



44%

**Put recyclables in a plastic bag prior to putting them in the curbside bin**



20%



# Roots of contamination problem

## Good Intentions

“Recycling more makes me a better person”

## Incorrect Assumptions

“I assume the recycling process will sort out non-recyclables and clean the dirty ones”

## Growing Doubt

“It doesn’t matter because it may not get recycled anyway”

## Confusion

“Don’t the chasing arrows mean it’s recyclable?”



# CROP Requirements

A list of actions to reduce contamination in existing recycling programs for single-family and multi-family residences, commercial locations, and drop boxes.

A list of key contaminants identified by the jurisdiction or Ecology.

A discussion of problem contaminants and their impact on the collection system.

An analysis of the costs and other impacts on the recycling system from contamination.

An implementation schedule and details on conducting outreach.

# Current Phase: Writing & Data Collection

## **Introduction**

## **Background**

- Rules and Requirements
- History of Recycling and Contamination
- China Sword

## **Kitsap County Recycling Programs**

- Overview – Single-family, multi-family, drop box, commercial

## **Quantifying the Contamination Problem**

- Processor data
- Studies
- Outreach inventory, harmonization analysis
- Cart standardization
- Costs

## **Recommended Actions**

- Data collection
- Harmonization?
- Outreach
- More....
- Implementation Schedule (required three years)

# Lots of Available Data

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## Processor Data

- MRF Survey, audits, top 5 list

## Single-family characterizations

- 2013, 2015, 2021

## Drop box characterizations

- 2020

## Multi-family study

- 2015

## Commercial recycling

## Outreach

- Inventory of materials, harmonization analysis

## Costs

- Financial, environmental, societal



# MRF Survey

Material	Kitsap County – MRF Manager (Dec 2019)	City of Tacoma - Regional Recycling Manager (July 2019)
Paperback books	NO: But recycled	NO: Detrimental
Paperboard boxes (e.g. cereal, tissue)	NO: But recycled	YES: Accepted
Cartons (gable top e.g. milk and orange juice, and aseptic e.g. juice boxes and soup)	NO: Non-detrimental	NO: Detrimental
PP containers and lids (e.g. #5 yogurt container)	YES: Accepted	NO: Non-detrimental

**NO: But recycled items** are not wanted in the stream but will be pulled off the sorting line to be recycled if markets exist.

**NO: Non-detrimental items** may or may not go to market but do not cause any major problems.

**NO: Detrimental items** can shut down or damage equipment, harm employees, and/or substantially degrade the value of material.

*Survey developed by The Recycling Partnership: <https://recyclingpartnership.org/mrf-survey/>*

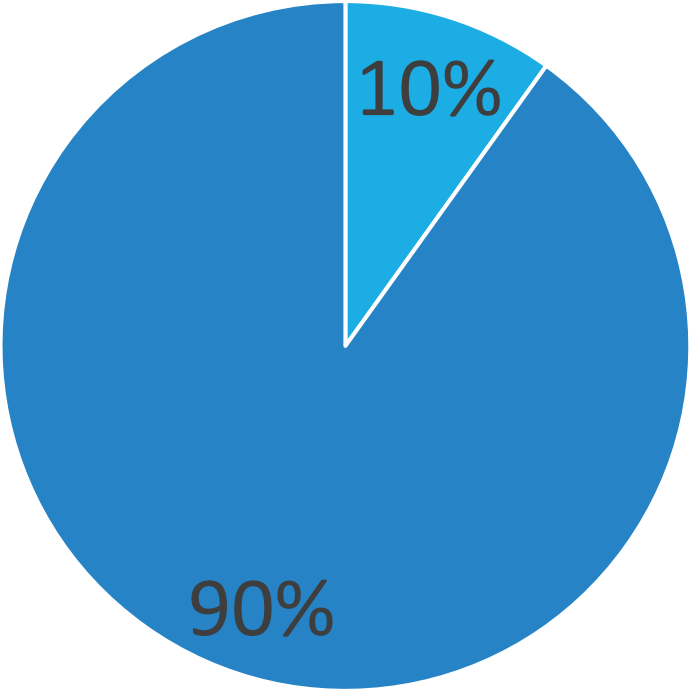
# MRF Top 5 Prohibitive Items

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Kitsap County	City of Tacoma
1. Flammables (propane tanks, batteries, fuel, etc.)	1. General Hazardous Wastes (e.g. mercury devices, paint, solvents, oil)
1. General Hazardous Waste (e.g. mercury devices, paint, solvents, oil)	1. Needles
1. Needles	3. Flammables
3. Tanglers (e.g. wire, hose, cords, rope, chains)	4. Tanglers (e.g. wire, hose, cords, rope, chains)
4. Clothing/Bedding	4. Diapers, Plastic Bags or Wrap, Small Appliances, Scrap Metal

# MRF Bale Audits (2016 – today)

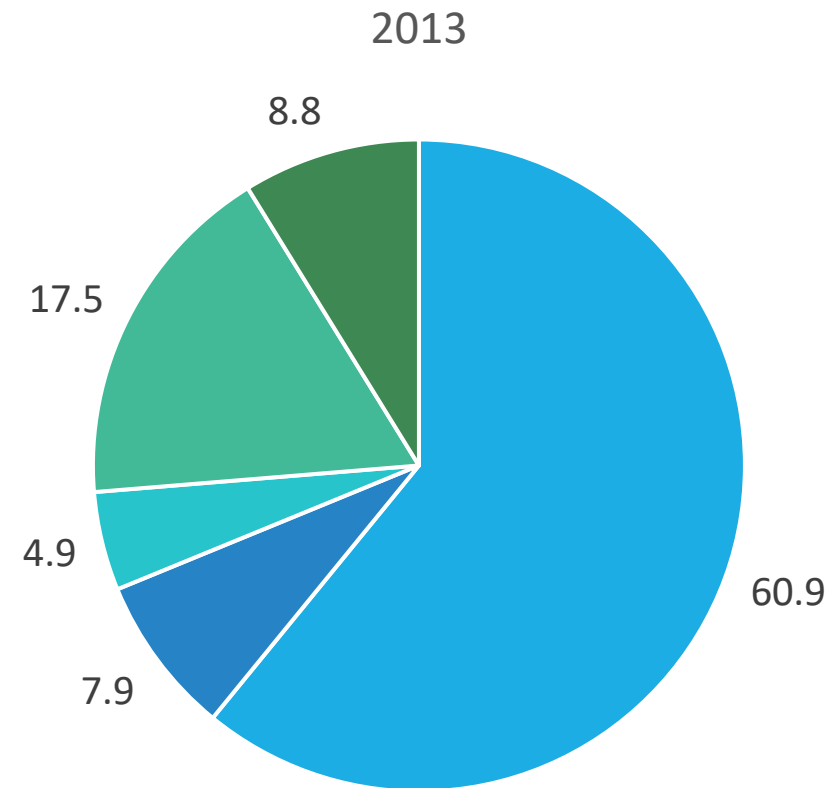
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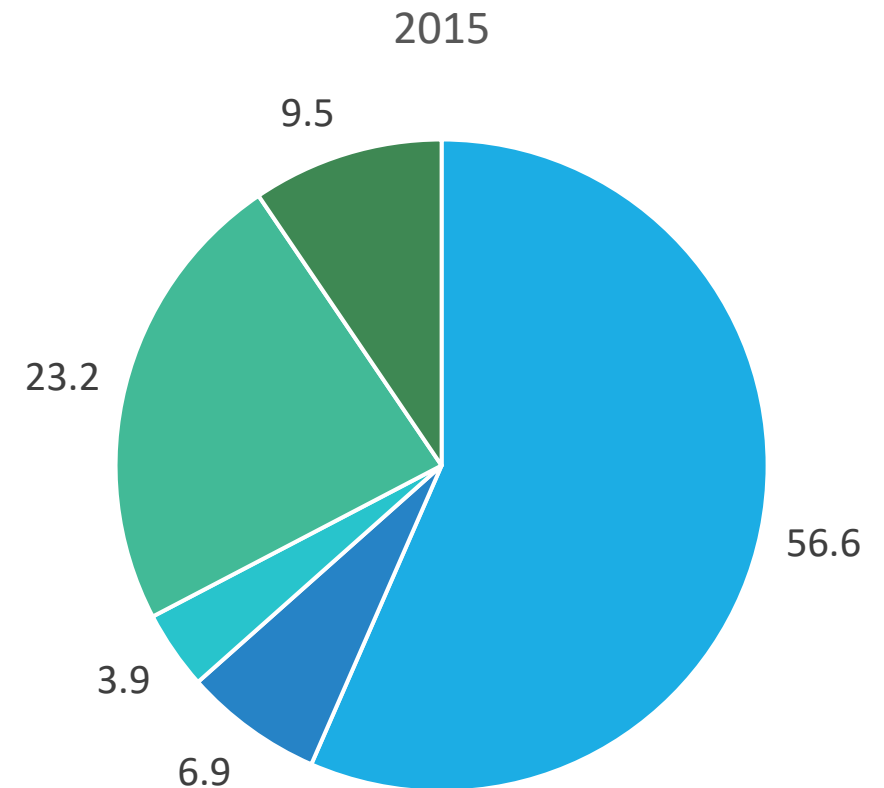
■ Contamination ■ Recyclable



# Single-Family Characterizations



■ Paper ■ Plastic ■ Metal ■ Glass ■ Contamination



■ Paper ■ Plastic ■ Metal ■ Glass ■ Contamination





# Drop Box Characterizations - 2020

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## **Olalla (glass out)**

11.7% by weight

20.3% by volume

## **Hansville (glass in)**

10.3% by weight

14.08% by volume

# Outreach Inventory + Harmonization

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## **Kitsap Outreach Inventory**

- ❖ Your Guide to Curbside Recycling, etc.
- ❖ Multifamily totes, flyers, signs
- ❖ Drop box signs, flyers
- ❖ Website
- ❖ Commercial – little is known

## **Regional Harmonization**

- ❖ “YES” lists
- ❖ “NO” lists
- ❖ Preparation instructions
- ❖ Images and text
- ❖ Garbage lists
- ❖ Collection methods, etc.

# Best Practices

- YES and NO
- Photos, universal images, symbols
- Single image
- No jargon (dairy tubs), use short lists instead
- Focus on top 3-5 “NO” contaminants
- Customer feedback

**RECYCLING**

**PREPARATION**  
empty · clean (quick rinse) · no lids

**PLASTIC**  
Recycle plastics by shape.  
Ignore number of products, see packaging.

bottles (non-prescription oil) jugs tubs buckets (w/rope handle)

**PAPER**

mixed paper boxes and bags cardboard (flat)

**METAL**

aluminum cans metal cans

**NO GLASS  
NO PLASTIC BAGS OR WRAP  
NO BAGGED RECYCLABLES**

**GARBAGE**

Want to know why some things belong in the garbage?  
[piercecountywa.gov/reminders](http://piercecountywa.gov/reminders)

crispy plastics all cartons plastic packaging foam trays and containers aluminum foil, pans and plates

**SINGLE-USE ITEMS:**

paper plates paper towels and napkins paper cups plastic cups utensils and straws coffee pods

all lids greasy pizza boxes shredded paper (not a stored event) prescription bottles

**NO ELECTRONICS  
NO HAZARDOUS WASTE**

**DROP-OFF**

Find locations for these items plus options for electronics, appliances, mattresses, clothing, foam packaging and more: [piercecountywa.gov/recyclemenu](http://piercecountywa.gov/recyclemenu)

glass plastic bags and wrap (at participating grocery stores) household hazards

**Pierce County**  
[piercecountywa.gov/recycle](http://piercecountywa.gov/recycle)

# RECYCLING REMINDERS

What to include in your curbside recycling cart

## plastic containers

PREPARATION  
empty - quick rinse - no lids

recycle plastics by shape  
ignore numbers



plastic bottles

milk jugs

plastic tubs

plastic jars

buckets

plant pots

## paper and cardboard

PREPARATION  
clean - dry - quick rinse for milk and juice cartons



milk and juice cartons

paper or frozen food boxes

cardboard

paper bags

shredded paper

newspaper

phone books

mail, magazines,  
mixed paper and catalogs

## aluminum and tin cans

PREPARATION  
empty - quick rinse - no loose lids - do not crush



aluminum cans

metal cans

NO GLASS  
NO PLASTIC BAGS OR WRAP  
NO DANGEROUS MATERIALS



# Mason County



# Recycle Right

Empty, Clean, and Dry



**RECYCLING** Only these items go in your blue recycling container. For more information, visit [tacomarecycles.org](http://tacomarecycles.org).

**PLASTIC**



**BOTTLES (NO LIDS)**



**JUGS (NO LIDS)**



**TUBS (NO LIDS)**

**PAPER**



**MIXED PAPER**



**PAPERBOARD AND BOXES**



**FLATTENED CARDBOARD**

**METAL**



**ALUMINUM CANS**



**METAL CANS (NO LOOSE LIDS)**

**NO**  
GLASS  
BAGGED ITEMS  
PLASTIC BAGS  
STYROFOAM  
PLASTIC WRAP  
FOOD SCRAPS



[tacomarecycles.org](http://tacomarecycles.org)  
@tacomaes  
(253) 502-2100

Want to know what goes where?  
Download the Recycle Coach app:



## GARBAGE

These items are not accepted for curbside recycling in Tacoma. Want to know why? Visit [tacomarecycles.org](http://tacomarecycles.org).

**SINGLE-USE ITEMS:** Visit [wastefree253.org](http://wastefree253.org) for tips on reducing and eliminating these common single-use items in your daily life.



**PAPER PLATES, NAPKINS, AND PAPER TOWELS**



**PAPER CUPS**



**PLASTIC CUPS**



**PLASTIC UTENSILS AND STRAWS**



**COFFEE PODS**



**PLASTIC CLAMSHELL CONTAINERS**



**ALL CARTONS**



**FOIL PLASTIC PACKAGING**



**FROZEN FOOD CONTAINERS**



**PIZZA BOXES**



**ALUMINUM FOIL**



**STYROFOAM CONTAINERS**



**ORANGE PRESCRIPTION BOTTLES**



**SHREDDED PAPER**

**NO**  
ELECTRONICS  
HAZARDOUS WASTE

## DROP-OFF

Find drop-off locations for these items plus options for electronics, appliances, mattresses, clothing, and more at [tacomarecycles.org](http://tacomarecycles.org).



**GLASS BOTTLES AND JARS (NO LIDS)**



**PLASTIC BAGS AND ZIPPER BAGS**



**ALL BATTERIES**



**HOUSEHOLD HAZARDOUS WASTE**

City of Tacoma

# Recommended Actions

## Contamination Reduction Projects Underway

- Facility contamination reduction campaign (2021)
- Single-family recycling characterization (Spring 2021)

## Preliminary Ideas

- Design and distribute recycling guides
- Replace website content and online database
- Harmonization – evaluate our list
  - *Cartons, PP containers, frozen food boxes, glass*
- Begin research for cart tagging project?
- More!

# Timeline

## **December SWAC: Overview and Timeline**

*CROP writing and data collection*

## **February SWAC: Present Draft CROP**

*Make changes recommended by SWAC*

*Send to Ecology for review*

*Make changes recommended by Ecology*

## **April SWAC: Discuss Ecology comments**

*Finalize*

*Present to BOCC at work study*

## **June SWAC: Approve CROP and Amend Plan**

*BOCC Resolution*

*Email final CROP to Ecology by July 1, 2021*

## **2022: Fully incorporate CROP during regular Plan revision**