

Oregon Recycling System Advisory Council

Meeting #3

Thursday, 10/20/2022

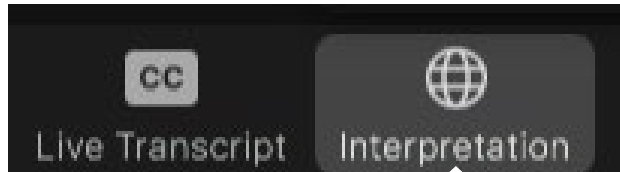
Cheryl Grabham
Materials Management Program Manager
Cheryl.Grabham@deq.oregon.gov



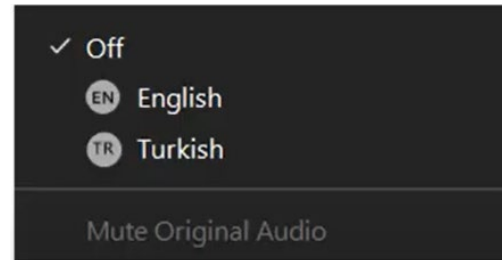
Interpretation



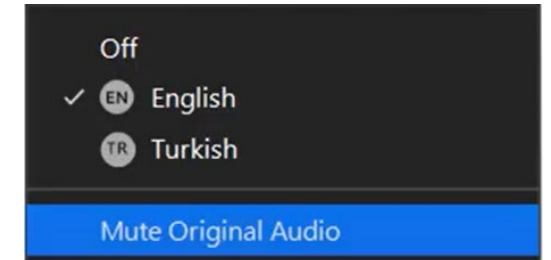
- 1 Click on interpretation (globe) icon.



- 2 Choose the language you want to hear.



- 3 Mute original audio



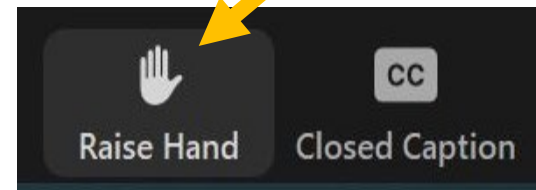
- Busque el ícono de interpretación (globo) en la parte inferior de su pantalla y seleccione el idioma que desea escuchar.

Webinar Tips

Join audio either by phone or computer, not both

This meeting is being recorded

For Zoom technical issues text 503-869-2884 or email alex.bertolucci@deq.oregon.gov

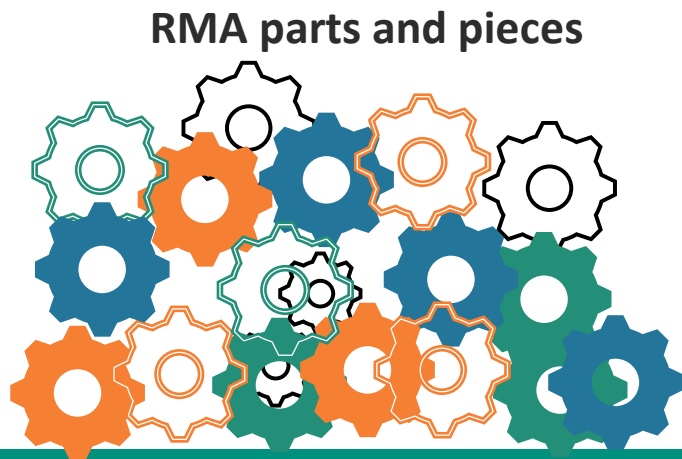


Welcome and roll call



DEQ update

RMA coming together



Agenda

- Welcome and roll call
- Vice-Chair update
- Material Lists
- Public input
- Next steps



Vice-chair update – the process

1

The Chair called for an online vote via section 5 of the Council rules.

2

A call for nominees was made. Twelve members were eligible to run*. Nine members received at least one nomination.

3

All nine nominees were asked if they would like to run for the position. Three of the nine nominees elected to run.

4

Statements from the three vice-chair candidates were sent to all Council members.

5

Voting took place via Microsoft Forms and lasted 18 days.

6

Results were shared with the Council and will be included in the meeting summary

*The Chair and Vice-chair position cannot be filled by members representing the same group. Chair Peck represents local government, all other local government members were not eligible to run.

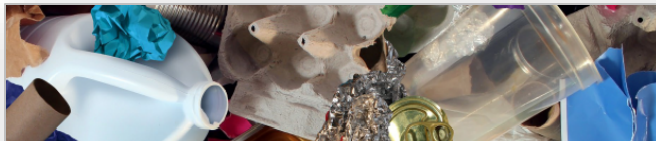
The new Vice-chair is.....



Celeste Meiffren-Swango



Material Lists



Covered Products vs. Material Acceptance Lists

Background Paper for Oct. 20, 2022, Oregon Recycling Council Meeting

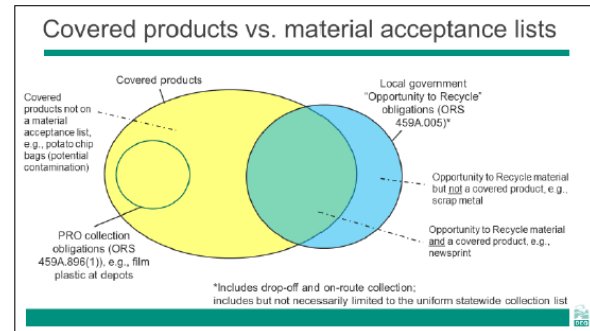
This document provides a response to requests made at the Aug. 18, 2022 meeting of the Recycling Council for clarification on the relationship between "covered products" and "material acceptance lists".

Definitions

ORS 459A.863 defines "covered products" to mean all packaging, printing and writing paper and food serviceware, unless exempted.

ORS 459A.914 directs the Environmental Quality Commission to identify materials suitable for recycling in Oregon. The resulting rules will establish two primary lists of materials – one which regulated local governments must collect for recycling, and one which producer responsibility organizations or PROs must collect for recycling, such as through depots. These are referred to as "material acceptance lists". Figure 1 below illustrates the relationships between different lists, and a description follows.

Figure 1



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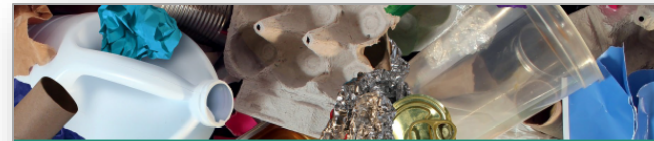
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Last updated: October 2022

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Recycling Acceptance Lists: Oct. 20, 2022 Update

Prepared for Consultation with Oregon Recycling Council at its Oct. 20, 2022 meeting

During the Oregon Recycling Council's Aug. 18, 2022 meeting, DEQ introduced efforts to evaluate and recommend materials for inclusion in two different recycling acceptance lists – one for local governments and one for PROs. These lists, which will initially be established by administrative rule in 2023, will define which materials local governments and PROs must collect for recycling. The lists also have implications for commingled processing facilities, the fees paid to those facilities by PROs, the design of public outreach efforts and programs to reduce contamination, and the fees PROs charge their members.

Background

Prior to naming any material to an acceptance list, the Environmental Quality Commission is required to consider a number of factors listed in ORS 459A.914(3). These include the viability of responsible end markets, impacts on existing infrastructure, quantities, contamination, behavioral effects, and economic, environmental and health and safety considerations. The commission is also required to consult with the Oregon Recycling System Advisory Council regarding recycling acceptance lists. Discussions planned for the Oct. 20, 2022 Recycling Council meeting are part of that mandated consultation.

DEQ is currently evaluating materials that might be considered for placement on a recycling acceptance list. DEQ is not prepared at this time to offer a complete recommendation regarding placement of all materials. At the Oct. 20 meeting, DEQ will invite feedback on two "partial" acceptance lists. These are described as "partial" because a third list of materials – also provided below – is still under consideration.

These lists may vary slightly from lists that DEQ will share with the Rulemaking Advisory Committee later in October. The ongoing evaluation process and parallel, but staggered, schedules of Recycling Council and Rulemaking Advisory Committee meetings means that draft acceptance lists are currently in a state of flux.

PRO acceptance lists

DEQ is currently recommending requiring PROs to provide for recycling of the following materials under separate collection services as required by ORS 459A.914(1)(b) and ORS 459A.896(1):

- Steel and aluminum aerosol packaging
- Aluminum foil and pressed foil products
- Shredded paper
- Polyethylene film
- Plastic buckets and other bulky HDPE (#2) or polypropylene (#5) packaging

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1

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Consequences of acceptance lists

Define what materials local governments and PROs are obligated to recycle

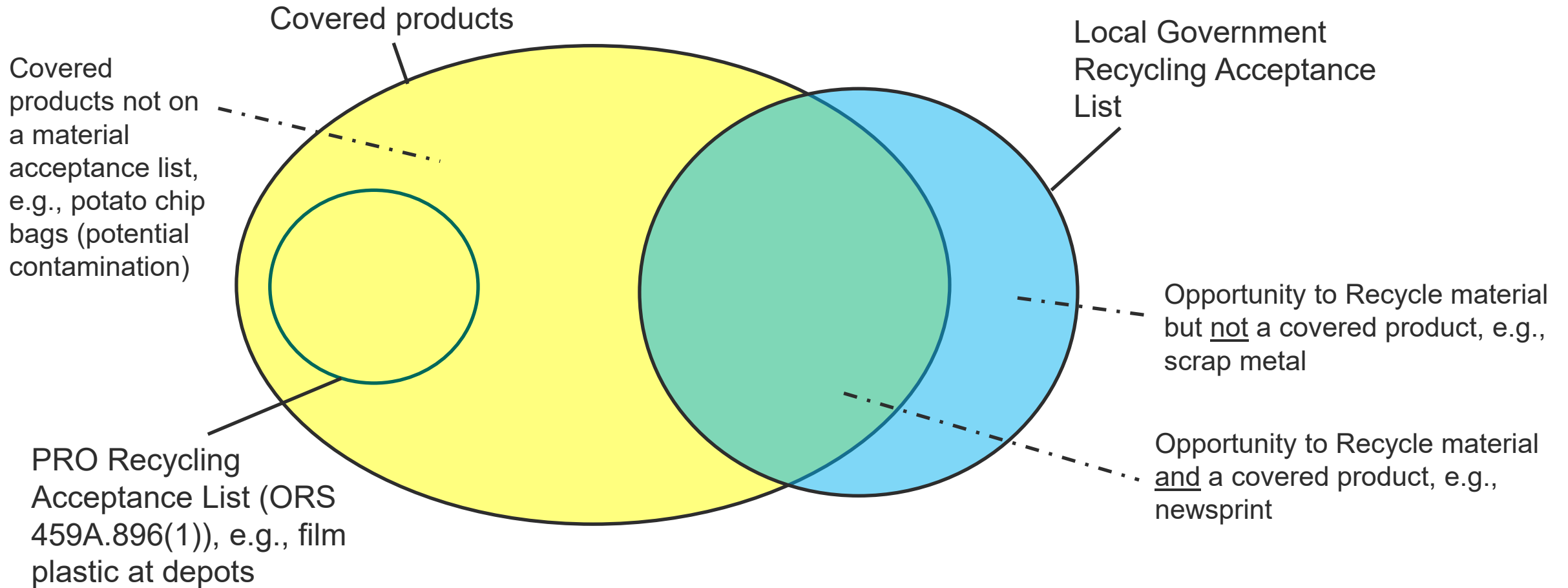
Define processing needs (uniform statewide collection list)

Define contamination

- Inform contamination reduction efforts and other public communications

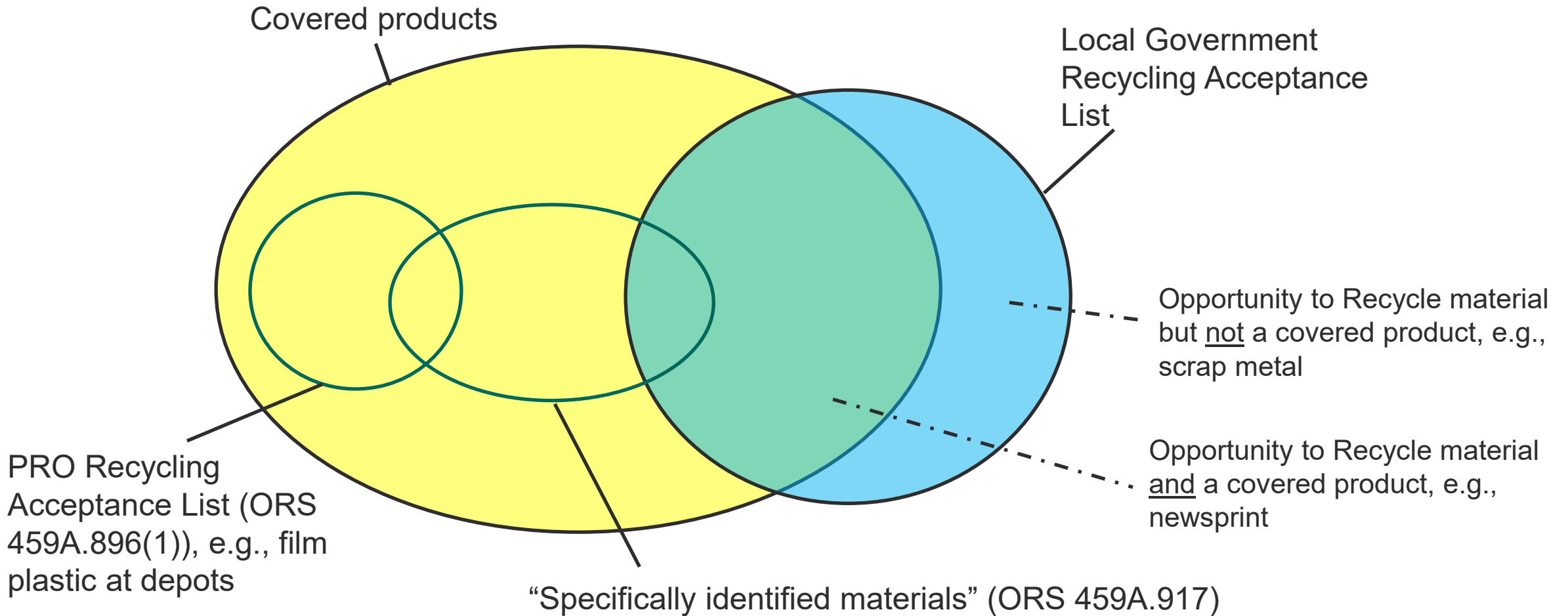
Impact fees that producers pay to their PRO(s)

Covered products vs. material acceptance lists



*Includes drop-off and on-route collection; includes but not necessarily limited to the uniform statewide collection list

Specifically identified materials



PRO obligations: responsible disposition

ORS 459A.896(2) and ORS 459A.869(7)

Apply to any covered products:

1. on the PRO Recycling Acceptance List,
2. on the Uniform Statewide Collection List,
3. on the list of Specifically Identified Materials, and/or
4. that are used to count towards accomplishment of the statewide plastic recycling rate

Summary of additional PRO obligations

Covered products:

- Communicate what/where/how to recycle
- Pay for PRO overhead, DEQ administrative costs and waste prevention/reuse fund
- Achieve plastics recycling goals

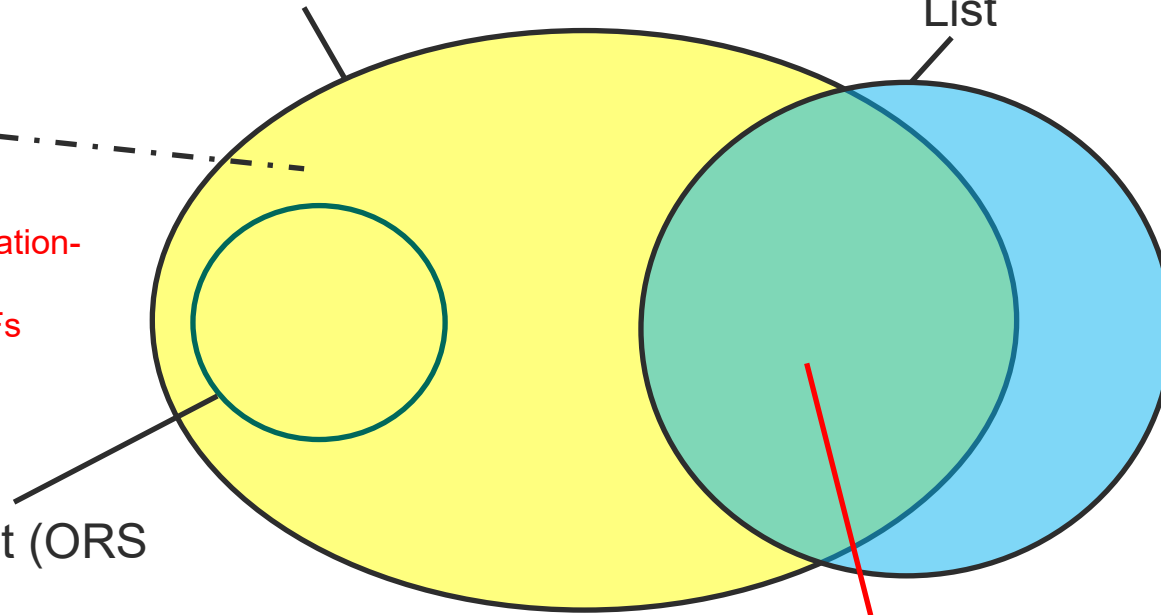
Covered products not on a material acceptance list, e.g., potato chip bags (potential contamination):

- Compensate local governments for contamination-reduction programming
- Pay Contamination Management Fee to MRFs
- May contribute to other PRO costs

PRO Recycling Acceptance List (ORS 459A.896(1)), e.g., film plastic:

Meet convenience standards, collection targets and performance standards

Local Government Recycling Acceptance List



- Compensate local governments for service expansion, transportation
- Pay Processor Commodity Risk Fee to MRFs (Uniform Statewide Collection List only)

Evaluation criteria ORS 459A.914(3)

- (a) Responsible end markets;
- (b) Environmental health and safety;
- (c) Yield loss;
- (d) Compatibility with existing infrastructure;
- (e) Material quantities;
- (f) Practicalities of sorting and storing the material;
- (g) Contamination;
- (h) The ability for waste generators to easily identify and properly prepare the material;
- (i) Economic factors;
- (j) Environmental factors;
- (k) The policy expressed in ORS 459.015 (2)(a) to (c).

Evaluation activities

- Request for Information
- Matrix evaluation of materials vs. criteria
- Quantitative assessment
- Technical Workgroup

www.oregon.gov/deq/recycling/Pages/Material-Lists.aspx

Paper/metal “cans”



- Polyethylene-lined paper walls with steel ends
- 2 recycling pathways (paper mill, steel mill)
- ~31 – 42 percent of can (by weight) expected to be recycled if sent to a MRF

Expanded polystyrene (block)



- Screening-level life cycle assessment at <https://www.oregon.gov/deq/recycling/Documents/recTWGm071922.pdf> (slides 23 - 68)
- Depot collection → densifier → mechanical recycler
 - Social benefits estimated at ~\$600 - \$2,200/ton
 - Transactional costs may be 4 - 16 times higher (initial estimate)
- Additional issues:
 - Significant public interest
 - Producer interest (bans)
 - Mechanical vs. chemical recycling

Material placement discussion



Proposed PRO Recycling Acceptance List (partial)

- Steel and aluminum aerosol packaging
- Aluminum foil and pressed foil products
- Shredded paper
- Polyethylene film
- Plastic buckets and other bulky HDPE (#2) or polypropylene (#5) packaging



Proposed Local Government Recycling Acceptance List (partial)

Uniform Statewide Collection List:

- Corrugated cardboard (uncoated and recycle-compatible coated; clean pizza boxes OK)
- All kraft paper (paper bags, mailers)
- Paperboard packaging (e.g., cereal, cracker and medicine boxes)
- Molded pulp packaging (e.g., egg cartons, but not food serveware)
- Polycoated cartons (e.g., milk cartons), aseptic cartons, and polycoated paper cups
- Tissue paper used as packaging (not facial or sanitary tissue)
- Non-metalized gift wrap
- High-grade office paper (e.g., white and colored ledger)
- Newspaper/newsprint
- Magazines, catalogs and similar glossy paper
- Telephone directories
- Other printing and writing paper (e.g., envelopes, “junk mail”, cards)
- Paperback books
- Aluminum food and beverage cans
- Steel cans, including empty/dry paint cans
- Scrap metal less than 10 pounds in weight and 18 inches in length; excluding sharp items and “tanglers” (e.g., bicycle chains, wire)
- Plastic bottles and jugs, 6 ounces and larger, made of clear PET (#1), natural or colored HDPE (#2) or LDPE (#4), or clear or colored polypropylene (#5) (caps OK if screwed on)
- Plastic tubs (e.g., cottage cheese), 6 ounces or larger, made of PET (#1), HDPE (#2), LDPE (#4), or polypropylene (#5)
- Any plastic buckets, pails, storage containers and other bulky HDPE (#2) or polypropylene (#5) plastic packaging that fit loosely in the provided on-route collection container
- Clear plastic cups, made of PET (#1) or polypropylene (#5), but no other plastic food serveware

At depots only:

- All scrap metal (including scrap metal on the USCL)
- Motor oil

Feedback

- Email Alex.Bertolucci@deq.Oregon.gov by 11/3.
 - Three specific topics:
 - High-level principles and their prioritization
 - Questions about individual materials (e.g., “what are the end markets for X?” or DEQ’s recommendations (e.g., “why are you recommending acceptance of Z?”))
 - Additional feedback including information related to materials not yet recommended
 - We will use feedback to inform our thinking and share all feedback received with the full Council before the next meeting.
- Participate in the RAC process. Next meeting 11/9.

Public input



What's next?

Next Council meeting

- December 15, 2022
 - 12:30 – 2:30 pm

Next RAC meetings

- November 9, 2022
- January 11, 2023
- oregon.gov/deq/rulemaking/Pages/Recycling2023.aspx

