



State of Oregon Department of Environmental Quality

Notice of Proposed Rulemaking

May 25, 2023

Plastic Pollution and Recycling Modernization Act, Rulemaking 1

This package contains the following documents:

- Notice of Rulemaking
- Draft Rules: Edits Highlighted
- Draft Rules: Edits Included (final clean version)

Note for Readers:

This package contains multiple documents. If you want to read more than one document at a time, you can open multiple copies of this PDF by downloading the PDF and then opening it in Adobe. You can then either:

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Introduction

DEQ invites public input on proposed new and permanent rule amendments to chapter 340 of the Oregon Administrative Rules. Parameters and requirements for the proposed rules specific to the Plastic Pollution and Recycling Modernization Act are set forth in Senate Bill 582, enacted by the 2021 Oregon Legislature. DEQ proposes changes to OAR 340, division 90 to align the newly adopted RMA rules with the existing Opportunity to Recycle program.

Request for Other Options

During the public comment period, DEQ asks for public comment on whether there are other options for achieving the rules' substantive goals while reducing the rules' negative economic impact on business.

Overview

Short summary

DEQ is undertaking the first of two rulemakings to clarify and implement the Plastic Pollution and Recycling Modernization Act (SB 582, 2021), also referred to as the RMA. The Act requires producers of packaging, paper products and food serviceware to support and expand recycling services in Oregon for their products.

The purpose of the proposed rules is to:

- Define and clarify Producer Responsibility Organization obligations, including meeting responsible end market criteria, program plan timelines, the annual administration fee, market share and PRO coordination if multiple PROs operate in the state.
- Clarify opportunities and requirements for local governments and their service providers to be eligible for funding and reimbursement for recycling service expansion and transportation costs.
- Establish Oregon's first statewide recycling materials list and identifying materials for the Local Government Recycling Acceptance List and the PRO Recycling Acceptance List.
- Define convenience standards, collection targets and performance standards for PRO recycling services.

The proposed rules are informed by discussions and input provided by DEQ's RMA rulemaking advisory committee, which included members from the regulated community, non-profit and community-based organizations, other interested parties and the public.

Affected parties

The following parties are directly affected by the proposed rules:

- Local governments

- Collection service providers
- Producers of packaging, printing and writing paper, and food serviceware that become waste in Oregon
- Producer Responsibility Organization(s), a nonprofit organization established to administer a producer responsibility program. For this rulemaking, the producer responsibility program will be implemented statewide for the responsible management of covered products.

Indirectly affected parties

The following parties are indirectly affected by the proposed rules:

- Customers/residents who recycle in Oregon
- Commingled recycling processing facilities
- End markets and the people who live in the communities where end markets are located

Outreach efforts and public and stakeholder involvement

DEQ convened meetings with the public, local government and industry representatives through technical working groups, small-group discussions, and the rulemaking advisory committee meetings to encourage involvement and the contribution of input throughout the rulemaking process.

Procedural Summary

More information

Information about this rulemaking can be found on the [Recycling Updates 2023](#) web page.

Public Hearings

DEQ plans to hold two public hearing(s) that anyone can attend by Zoom, an online video conference platform with toll-free telephone access for audio-only connections.

Hearing 1:

Date: June 27, 2023

Start time: 11 a.m. PT

Please [Register via Zoom](#) prior to the meeting.

Hearing 2:

Date: June 29, 2023

Start time: 5 p.m. PT

Please [Register via Zoom](#) prior to the meeting.

After registering, you will receive a confirmation email with instructions on how to join the meeting. If you are unable to register online using the link above, please contact Roxann Nayar for information on how to register and attend the hearing.

Email: Roxy.Nayar@deq.oregon.gov
Phone: 503-593-3306

How to comment on this rulemaking proposal

DEQ is asking for public comment on the proposed rules. Anyone can submit comments and questions about this rulemaking. A person can submit comments by email, regular mail or at the public hearing.

- Email: Send comments by email to recycling.2023@deq.oregon.gov
- Post mail: Oregon DEQ, Attn: Roxann Nayar/Materials Management, 700 NE Multnomah Street, Suite 600, Portland, Oregon 97232-4100
- At the public hearings: 11 a.m., Tuesday, June 27, or 5 p.m., Thursday, June 29, 2023.

Comment deadline

DEQ will only consider comments on the proposed rules that DEQ receives by **4 p.m. Pacific Daylight Time, on July 28, 2023.**

Please note: The comment deadline was extended on June 9, 2023.

Note for public university students:

ORS 192.345(29) allows Oregon public university and OHSU students to protect their university email addresses from disclosure under Oregon’s public records law. If you are an Oregon public university or OHSU student, notify DEQ that you wish to keep your email address confidential.

Sign up for rulemaking notices

Get email or text updates about this rulemaking by either:

- Signing up through this link: [GovDelivery](#);
- Signing up on the rulemaking web site: [Recycling 2023](#)

What will happen next?

DEQ will include a written response to comments in a staff report that DEQ will submit to the Environmental Quality Commission. DEQ may modify the rule proposal based on the comments.

Proposed rules only become effective if the Environmental Quality Commission adopts them. DEQ’s intended action is to present the proposed rule changes to the EQC as soon as possible after the earliest date on which the rule changes could take effect. DEQ intends to submit the proposed rule to the EQC on or before Oct. 12, 2023.

Statement of need

Proposed Rule or Topic	Discussion
Local Government Compensation	
<p>What need would the proposed rule address?</p>	<p>The proposed rules address local government need for financial support for recycling services. The proposed rules related to the local government compensation topics clarifies when and how PROs will provide funding or reimbursements to local governments or their collection service provides for:</p> <ul style="list-style-type: none"> • Transportation costs • New or expanded on-route collection start-up costs • New or expanded depot collection start-up and operational costs • Contamination reduction programming
<p>How would the proposed rule address the need?</p>	<p>For transportation costs, the rules clarify that the transportation of covered recyclable products needing to travel 50 miles or more from a recycling depot or recycling reload facility to a commingled recycling facility or responsible end market are eligible for funding or reimbursement upon request.</p> <p>For recycling services expansion, the rules clarify the eligible expenses for the local governments who indicated interest in service expansion through the voluntary completion of the 2023 needs assessment survey. These expenses include:</p> <ul style="list-style-type: none"> • Expenses for new or expanded on-route start-up costs, including: <ul style="list-style-type: none"> ○ Collection trucks ○ Containers or roll carts ○ Monitoring equipment ○ New program promotional literature ○ Staff safety equipment ○ Recycling reload facility if none other is available or existing facilities are inadequate. • Eligible expenses for new or expanded depot collection programs start-up and operational costs including but not limited to: <ul style="list-style-type: none"> ○ Land acquisition ○ Containers

Proposed Rule or Topic	Discussion
	<ul style="list-style-type: none"> ○ Signage ○ On-site monitoring equipment ○ Equipment to move, compact, bale, and load recyclables for shipment ○ Site preparation or other start-up costs ○ Hiring and training staff, staff safety equipment <p>For contamination reduction programming, the rules describe the reimbursement procedures and specify the source of census data that must be used to calculate the annual per capita funding a local government, the local government’s service provider or other person authorized by the local government has authorized, to receive.</p>
How will DEQ know the rule addressed the need?	The proposed rules in OAR chapter 340, division 90, establish the criteria for local governments or their collection service providers to receive funding from PROs to fund recycling collection services. Information provided through the annual reporting requirements and the periodic requirements for PRO(s) to update their operating program plans will allow DEQ to track and review funding disbursement to local governments and/or their service providers over time.
Producer Responsibility Organization Obligations	
What need would the proposed rule address?	<p>The proposed rules address the need to clarify PRO obligations. The rules clarify a variety of elements related to how PROs will establish and operate in Oregon. This includes:</p> <ul style="list-style-type: none"> ● establishing the initial and annual review fees paid to DEQ, ● establishing methods for determining market share and coordination if there are multiple PRO(s), ● clarifying the schedule for program plan updates and amendments, ● defining responsible end markets and how PRO(s) will ensure compliance with these standards.
How would the proposed rule address the need?	These proposed rules address a need to clarify statutory language involving producer responsibility obligations and requirements for implementing the Act. The rules require that the PRO(s) implement and meet the responsible end market standards, pay administrative fees to DEQ, and coordinate with other PRO(s) when needed. Additionally, the rules address the need for ensuring confidentiality of specific proprietary

Proposed Rule or Topic	Discussion
	information, and provides methods for calculating market share and for estimating covered products.
How will DEQ know the rule addressed the need?	PRO(s) will report annually on actions to implement an approved program plan(s) and related outcomes. This will provide DEQ the information required to know if the rules are addressing the need.
Recycling Acceptance Lists	
What need would the proposed rule address?	The proposed rule addresses the need for standardization of recycling services in Oregon, including the types of materials collected, and level of collection service across the state regardless of location.
How would the proposed rule address the need?	The Act describes several different lists and types of materials. These include “covered products,” “specifically identified materials,” and multiple lists of materials designated as suitable for recycling and for which PRO(s) or local governments must collect for recycling. The rules define each list and clarify standards regarding collection targets, performance standards and convenience standards.
How will DEQ know the rule addressed the need?	The PRO(s) will have to report to DEQ how they are meeting the specific performance and convenience standards. DEQ Regional Specialist staff who will perform compliance inspections.

Rules affected, authorities, supporting documents

Lead division

Materials Management Program

Program or activity

Plastic Pollution and Recycling Modernization Act

Chapter 340 action

OAR chapter 340, division 90

Adopt				
340-090-0610	340-090-0660	340-090-0710	340-090-0760	340-090-0810
340-090-0620	340-090-0670	340-090-0720	340-090-0770	340-090-0600
340-090-0630	340-090-0680	340-090-0730	340-090-0780	
340-090-0640	340-090-0690	340-090-0740	340-090-0790	
340-090-0650	340-090-0700	340-090-0750	340-090-0800	
Amend				
340-090-0005	340-090-0030	340-090-0090	340-090-0380	
340-090-0010	340-090-0040	340-090-0110	340-090-0410	
340-090-0015	340-090-0042	340-090-0140	340-090-0430	
340-090-0020	340-090-0080	340-090-0190		
Repeal				
340-090-0041				
340-090-0070				

Statutory Authority - ORS				
459A.975				

Statutes Implemented - ORS				
459A.860- 459.975				

Legislation

Senate Bill 582 (2021)

Documents relied on for rulemaking

Document title	Document location
Overview of Scenario Modeling (Economic Assessment)	DEQ website
Association of Plastics Recyclers – Plastics Recycling Glossary	Plastics Recycling Glossary
DEQ – Materials Definitions for Phase 1 of Infrastructure research conducted for Recycling Steering Committee	DEQ website
Portland State University, Population Research Center – Population Estimate Reports	PSU Population Research Center
Supplemental Information: Selected Responses to DEQ’s Recycling Acceptance Lists Request for Information	DEQ website
Comparative Life Cycle Assessment of Glass Collection and Recycling	DEQ website
Comparative Life Cycle Assessment of Expanded Polystyrene Dispositions	DEQ website
Comparative Life Cycle Assessment of Aseptic Packaging/ Cartons	DEQ website
Supplemental Information: Recyclability of Paper Cans	DEQ website

Fee Analysis

These proposed rules would establish new fees, as directed by legislation.

Brief description of proposed fees

The Plastic Pollution and Recycling Modernization Act (Senate Bill 582, 2021) requires certain producers¹ of packaging, food serviceware and printing and writing paper to join a Producer Responsibility Organization, which is a nonprofit membership organization that will administer this producer responsibility program. The PRO will propose to DEQ and then implement an approved program plan that describes how this will be achieved, including how the PRO(s) will satisfy a wide variety of financial and operational obligations that are contained in statute.

DEQ is required to establish a one-time plan review fee and an annual fee calculated to cover DEQ's administrative costs specific to many elements of the Act. These fees are not paid by businesses directly, rather they will be paid by the PRO(s). The PRO(s) in turn will recover these and other expenses by assessing membership fees to producers of covered products.

The program plan and annual fees will pay for DEQ's review of the PRO(s) program plan and DEQ's annual expenses for administering, implementing, and enforcing provisions of the Act as described in ORS 459A.938(1)(b).

Reasons

The proposed fees would address policy changes and fees established by statute. The Act outlines the obligations of PRO(s) and establishing the proposed fees will allow DEQ to implement the Act as directed by Oregon Legislature.

Fee proposal alternatives considered

DEQ did not consider alternatives. The proposed fee model was established in legislation and DEQ is proposing to implement the model as directed.

Fee payers

Only Producer Responsibility Organizations would pay these fees to DEQ.

Affected party involvement in fee-setting process

The proposed fee model, including types of fees and overall structure, was established through collaborative discussions with relevant parties during the legislative development of Senate Bill 582. No PROs for printed paper, packaging, and food serviceware exist within

¹ For the purposes of this rulemaking "producers" are largely businesses as defined in ORS 459A.866. Importantly, they are not always the manufacturer of packaging, food serviceware, or printing and writing paper (also referred to as "covered products") but are more often the business users of such products that purchase them from the manufacturer and then sell them in Oregon.

Oregon at this time; however, DEQ’s prior consultations with PRO(s) from other jurisdictions informed the development of these proposed fees.

Summary of impacts

The proposed fees would be paid by the PRO(s), as established in legislation. The PRO(s) in turn will recover their expenses using membership fees paid by entities defined in the Act (producers) that produce certain types of products for sale in Oregon.

The proposed fees would support DEQ’s administration of the Act, specifically:

- Review of program plan and program plan amendment submissions from prospective and existing PRO(s) per ORS 459A.875 and 459A.878 (the program plan review fee); and
- Ongoing administration, implementation, and enforcement of provisions ORS 459A.860 to 459A.975, but excluding ORS 459A.955, 459A.956 and 459A.959 (the annual administration fee). Also excluded is the implementation of ORS 459A.941, whereby DEQ will establish a new program to reduce the environmental impacts of covered products through means other than recycling. That program will be established through a separate fee as required by ORS 459A.941(4). That new fee will be established in a subsequent rulemaking.

The proposed fees are critical to DEQ being able to successfully implement the Act, as directed by the Oregon Legislature, and to modernize Oregon’s recycling systems.

Fee payer agreement with fee proposal

No PRO(s) for producers of packaged items, paper products and food serviceware are currently established in Oregon, so DEQ was not able to solicit direct feedback from these entities as part of the rulemaking process. Representatives of two PRO(s) active in Canada did review these rules through their participation on the RAC. DEQ does expect to receive feedback from entities that may organize to operate as PRO(s) in Oregon before this rulemaking process is complete.

Links to supporting documents for proposed fees

Plastic Pollution and Recycling Modernization Act (Senate Bill 582, 2021)	Oregon Legislature website, SB 582
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Fee Amount Details

The proposed fee amounts are as follows:

- Program plan review fee: a \$150,000 fee paid by a PRO when submitting an initial or renewal program plan program plan. If there are multiple PROs, each will pay the fee. Due to a statutory 10 percent market share minimum for PROs, DEQ expects 1-

3 PROs will initially operate in the system, although it could theoretically contain up to ten PROs.

- Annual administration fee: up to \$4,000,000 per year paid for the first four program years (2025-2028) and up to \$3,000,000 paid per year thereafter (2029 onward).² If there are multiple PROs, the fee will be divided among the PROs in proportion to the market share held by each producer participating in each PRO. DEQ may adjust the fee downward each year to reflect actual operating costs.

Fee schedule

The proposed fees include a one-time plan review fee for each PRO(s) established in Oregon and an annual fee for continued improvement and ongoing implementation of recycling modernization programs and activities at DEQ. The plan review fee will become effective in 2024 when prospective PRO(s) submit their plans for a March 31, 2024, deadline. The annual fee will be paid for the first time in 2025 when approved PRO(s) begin their programs beginning July 1, 2025.

² The first four annual fees are higher than the later annual fees because they encompass reimbursement of DEQ's start-up costs incurred in 2021-2025.

Statement of Fiscal and Economic Impact

Overview

This proposed rulemaking will clarify and implement portions of the Act, passed in 2021 by the Oregon Legislature. The Act requires producers of covered products to support and expand recycling services for their products in Oregon and requires local governments and the facilities that process commingled (mixed) recyclables to adhere to several new requirements.

These proposed rules are specific to topics, including PRO program plan content, DEQ administrative fees, funding and reimbursement for local governments related to select eligible recycling-related expenses and creating a materials acceptance list for materials eligible for collection in Oregon, as well as collection targets, convenience standards and performance standards for recycling of certain materials by PRO(s). The Materials Management Program will begin a second rulemaking beginning mid-2023 to implement additional elements of the Act, building on the foundational structures created by this rulemaking.

The proposed rules and rule revisions included in the rulemaking are based on discussions and input provided by DEQ's Rulemaking Advisory Committee, which included representatives from waste collectors and commingled recycling processing facilities, local governments, non-profit organizations, waste generators, PRO(s) and producers of covered products.

Fiscal and Economic Impacts Overview

The proposed rules support the actions directed by the Oregon Legislature in the Act. The proposed local government compensation, materials acceptance lists and PRO obligation rules establish and implement recycling programs and regulatory structures that provide more uniform and equitable access to recycling opportunities for communities across the state.

The proposed rules would address specific barriers to access, such as high transportation costs for rural and remote communities and non-standardization of materials accepted by on-route recycling collection services and drop-off-style depots. Additionally, these rules would clarify how PRO(s) will distribute funding to local governments and their service providers³ across the state for the expansion of recycling collection service.

³ For the purposes of this rulemaking, a local government's service provider is defined in the Act as:

- (a) A collection service franchise holder under ORS 459A.085;
- (b) Any person authorized by a city or county to provide recycling collection services described in subsection (25)(a) to (d) of this section; or
- (c) Any person authorized by a metropolitan service district to provide recycling collection services described in subsection (25)(d) of this section.

This expansion of services, accompanied by culturally specific outreach and education materials, would provide equitable access to recycling service for all communities across Oregon.

I. Fiscal Impacts of Local Government Compensation Rules:

A portion of the membership fees collected by the PRO(s) from the producers of covered products would be directed to local governments and their respective service providers. DEQ anticipates several positive impacts related to the requirements in ORS 459A.890 and the proposed rules relevant to this section.

Local governments will be eligible for compensation from the PRO(s) to pay for:

- Specific costs associated with on-route collection.
- Specific startup and operational costs at recycling collection depots.
- The costs for transporting collected materials from a recycling depot or recycling reload facility to a commingled recycling processing facility or a responsible end market that is 50 miles or further away.
- Contamination reduction efforts up to \$3 per year per capita. While statute dictates the amount payable to local governments, the proposed rules clarify which census data must be referenced and clarifies the administrative procedures for reimbursement.

II. Fiscal Impacts of Recycling Acceptance Lists Rules:

Proposed rules related to material acceptance lists will require local governments, their service providers, and commingled recycling processing facilities, to collect and process higher volumes and a more complex mix of recyclable materials than is currently the case outside of the Portland metro tri-county region. These higher volumes will increase the costs of collecting and processing recyclables. However, cost increases will be partially offset by reductions in garbage collection and disposal costs in some communities, and some costs will shift from local governments and processing facilities to PRO(s).

Separately, other proposed rules related to material acceptance lists will impose additional fiscal impacts on the PRO(s) for the provision of convenient recycling services for materials that are not currently collected. These proposed rules will benefit Oregon households and businesses, which will realize additional opportunities to recycle and reduced waste management expenses in some communities.

Finally, increased recycling would reduce the pollution associated with virgin resource extraction and manufacturing, which in turn would reduce a wide variety of societal costs such as those associated with climate change, air and water pollution, habitat disruption, and depletion of non-renewable resources.

III. Fiscal Impacts of Producer Responsibility Organization Obligations Rules:

The proposed rules governing PRO obligations would primarily impact and impose costs upon the PRO(s) themselves, with costs passed on to their member producers

through membership fees. The rules requiring PROs to meet convenience and performance standards for recycling of certain items, along with rules requiring that waste collected for recycling is sent to responsible end markets are likely the most financially impactful to the PRO(s) among the proposed rules.⁴ Anticipated costs from the responsible end market rules include auditing recycling supply chains and the cost of implementing any improvements identified through the auditing process.

Through the proposed rules, PRO(s) must also pay administrative costs for DEQ's implementation of the Act, including the cost of interim coordination among multiple PRO(s) if DEQ approves multiple PRO plans. The rules impose costs on the PRO(s) who will recoup the expenses by charging the producers a membership fee. Related PRO obligation rule(s) will provide several benefits, including:

- Responsible End Markets:
 - increased public confidence that materials collected for recycling are recycled
 - maximum environmental benefits and reduced environmental and public harm risk from recycling activities
- Market Share and Modified Market Share: fair allocation of costs among PRO(s) and producers
- Fees and PRO Coordination: effective administration of the Act by DEQ

Statement of Cost of Compliance

State agencies

DEQ does not anticipate that other state agencies will incur costs or benefits different than those described under the public section, below.

Local governments

The Act provides funding opportunities for all communities, regardless of size, and has some new requirements for cities with populations over 4,000 and other regulated local governments.

DEQ anticipates that Local Governments may incur compliance costs related to:

- Recordkeeping and invoicing PROs for compensation
- Ongoing operational costs of expanded recycling service that are not eligible for reimbursement
- Collecting the materials on the Local Government Recycling Acceptance List

Due to variability between local government operations, DEQ is not able to quantify the specific costs of compliance. Most local governments recover oversight and administration

⁴ Rules requiring PROs to compensate local governments and their service providers will also impose significant financial impacts on the PRO(s). However, those requirements are already largely established in statute, whereas the materials on the PRO Recycling Acceptance List, convenience and performance standards for the recycling of such materials, and responsible end market requirements are discretionary and more subject to EQC approval.

expenses via the application of a franchise fee, which often manifests as a percentage-of-revenue or percentage-of-expenditure surcharge on franchised services.

A. Local Government Compensation Rules

I. Transportation Costs Reimbursement

Local governments and service providers will work with the PRO(s) directly to determine the method to be used for calculating transportation costs. Local governments may incur some costs associated with recordkeeping and invoicing for compensation.

II. Recycling Services Expansion

DEQ anticipates that this proposed rule will result in additional reporting and recordkeeping requirements for those local governments that choose to voluntarily request reimbursement for costs associated with recycling service expansion. These costs will most likely be related to the opportunities for local governments to participate in periodic needs assessment surveys, administered by DEQ or a contractor to DEQ, determining exact needs and negotiating compensation details with the PRO(s), and documenting recycling costs and procedures to request reimbursement from PRO(s). In most cases, any ongoing operational costs that are not eligible for reimbursement by the PRO will likely be recovered through user fees (e.g., garbage bills) as opposed to being an expense to the local government itself.

III. Contamination Reduction Programming

DEQ anticipates some fiscal impact created by the proposed rules due to associated recordkeeping costs. Local governments will be responsible for documenting costs and establishing reimbursement procedures with the PRO(s).

B. PRO Obligation Rules

DEQ does not anticipate that local governments will incur costs from the rules on PRO obligations. Local governments will benefit from the responsible end market obligation by having increased confidence that the materials accepted for recycling in their communities are being recycled responsibly. Such transparency in turn will increase the public's confidence in the recycling system. It is difficult to quantify these benefits in direct financial terms.

C. Recycling Acceptance List

DEQ anticipates that there may be compliance costs for local governments or their service providers for costs associated with collecting the materials on the Local Government Recycling Acceptance List. In most cases, the costs incurred by local governments themselves will be relatively low, because most recycling services are paid for by ratepayers (system users), and not local government funds. The fiscal impacts of the proposed Recycling Acceptance List rules can be categorized by costs associated with on-route collection, at disposal sites or depots, general operational costs, and administrative compliance costs.

Producer Responsibility Organizations

As defined in ORS 459A.863, a Producer Responsibility Organization is a nonprofit organization established to administer a producer responsibility program. PROs will have the highest costs of compliance relative to all other parties.

It is important to distinguish between the cost of compliance with statute, and the cost of compliance with the proposed following rules:

A. Local Government Compensation Rules

DEQ proposes three rules associated with local government compensation, transportation costs reimbursement, recycling service expansion and contamination reduction programming. Currently DEQ is unable to quantify the fiscal impacts of these rules.

I. Transportation Costs Reimbursement

The PRO(s) are required to pay for eligible transportation costs established in statute and most of these are not related to this proposed rule.

The proposed rules establish that transportation costs also include administrative costs including, but are not limited to, costs related to staffing and the hiring and managing of staff. The proposed rules shift these costs from local governments and service providers to the PRO(s). DEQ anticipates that administrative costs will be low relative to the magnitude of the transportation costs themselves.

II. Recycling Service Expansion

DEQ anticipates that this proposed rule will result in additional reporting and recordkeeping requirements for those local governments that choose to voluntarily request reimbursement for costs associated with recycling service expansion. The Act requires that the PRO(s) pay for specific costs related to expanding and providing recycling collection services for covered products, per ORS 459A.890(5)(a). This includes both on-route collection and recycling depot service.

III. Contamination Reduction Programming

The rules related to contamination reduction programming require local governments will be responsible for documenting costs and establishing reimbursement procedures with the PRO(s).

B. Recycling Acceptance List Rules

DEQ's estimate of the compliance costs to the PRO compare the costs of DEQ's rule concept against a set of hypothesized alternatives, as opposed to the costs of Oregon's current recycling system. This is because continuation of the current system is not a viable alternative under the Act. The Act requires the use of a uniform statewide collection list and the provision of programming such as contamination reduction efforts and processing of mixed recyclables at permitted facilities. The discretion available to the Environmental Quality Commission as part of this rulemaking is limited to what materials are on that uniform list and how are they collected. An evaluation of option comparisons and associated

costs, and an estimate of the costs of Oregon’s current recycling system is provided in the Cascadia Consulting Group’s 2023 report titled, “Overview of Scenario Modeling: Oregon Plastic Pollution and Recycling Modernization Act.”

The proposed rules for materials acceptance lists establish the contents and complexity of the acceptance lists. These proposed rules implement only a portion of the Act but may result in financial impacts to the PRO(s) if existing recycling services need to expand to accommodate materials added to the list. Expanding services will create new and increased costs related to:

- Collection and processing of materials on the Local Government Recycling Acceptance List.
- “Responsible end market” disposition requirements for materials on the Uniform Statewide Collection List.
- Recycling materials and achieving collection targets, convenience standards and performance standards for covered products on the PRO Recycling Acceptance List, and requirements to send such materials to “responsible end markets”.

I. Local Government Recycling Acceptance List: Costs associated with the collection and processing of materials on the Uniform Statewide Collection List

DEQ is not able to fully quantify the specific fiscal impacts of these proposed rules. Fiscal impacts to the PRO(s) associated with collection and processing costs for materials on the Uniform Statewide Collection List are limited to the following:

- Reimbursement to local governments and their service providers under ORS 459A.890(5) for expansion of collection service *only to the extent that such expansion is a consequence of a more expansive commingled list than what is currently collected*. In some cases, expansion will be for other reasons, and so will not be a fiscal impact of the Local Government Recycling Acceptance List rule.
- Reimbursement to local governments and their service providers under ORS 459A.890(2) for transportation of collected materials to distant processing facilities or end markets *only to the extent that such transport costs increase due to a more expansive Local Government Recycling Acceptance List*. These impacts are estimated at about \$0.3 million annually.
- Reimbursement to commingled processing facilities under ORS 459A.920 and .923 *only to the extent that costs (net of revenue) increase due to a more expansive Uniform Statewide Collection List*. DEQ is unable to estimate the extent of the impacts because of the Act’s integrated components and the concurrent changes (e.g., new permitting requirements for commingled recycling processing facilities) and system efficiencies that will occur.

II. Impacts associated with responsible end market disposition requirements for materials on the Uniform Statewide Collection List

Materials included in the Uniform Statewide Collection List, which includes most of the materials proposed for inclusion on the Local Government Recycling Acceptance List, prompts additional requirements on the PRO(s), to ensure that such materials:

1. Are sent to responsible end markets,

2. Are managed according to the hierarchy of materials management options in ORS 459A.015 and
3. Are managed in an environmentally protective way through to final disposition.

These requirements may impose compliance costs on the PRO(s) because there is a joint obligation for PRO(s) and commingled recycling processing facilities to ensure that materials reach responsible end markets. Currently DEQ does not have sufficient information to estimate associated compliance costs with these requirements.

III. PRO Recycling Acceptance List: Impacts associated with the recycling of materials and the achievement of collection targets, convenience standards and performance standards for covered products

This proposed rule requires the PRO(s) to provide for recycling of materials on the PRO Recycling Acceptance List, and to meet collection targets, convenience standards and performance standards for such recycling. All materials on the PRO Recycling Acceptance List and all targets and standards are the subject of this rulemaking. DEQ is unable to quantify all the fiscal impacts of these rules on the PROs due to several unknown variables, including:

- The expenses PRO(s) will incur because the Act (ORS 459A.896(1)(a)) includes a requirement that PRO(s) first contract with existing depots “where possible”. DEQ cannot guarantee how many existing depots will choose to, and successfully contract with, a PRO(s). DEQ has instead applied professional judgment to estimate how many such facilities might take this opportunity. If DEQ’s estimate is incorrect, costs may be higher or lower than shown here.
- Compliance costs because it is unknown how the PRO(s) itself will respond to this mandate. The Act provides PRO(s) significant flexibility in how a PRO may achieve convenience standards.

DEQ estimates that major costs to PROs of the proposed rules for PRO Recycling Acceptance Lists, including collection targets, convenience standards, and performance standards may be on the order of \$20 to \$22 million annually (in 2021 dollars with capital costs amortized). These include:

- Approximately \$19 to \$21 million annually to provide recycling service for ten different materials at approximately two hundred different locations across the state. If PRO(s) can optimize collection points more efficiently than modeled, their compliance costs may be lower. If the number of existing depots that choose to opt into this system is higher than estimated, the PRO(s)’ compliance costs may be higher.
- Approximately \$1 million annually to cover increased operational costs at commingled recycling processing facilities.

Additionally, PRO(s) or their contractors will benefit from approximately \$1 million/year in commodity revenues, and other users of the system will benefit from approximately \$1 million per year due to reduced garbage collection, transfer and disposal costs.

C. PRO Obligations Rules

DEQ anticipates that PRO(s) will incur costs to comply with the rules governing their obligations. Costs associated with the two PRO fees are described above. Costs to PROs associated with other PRO obligation rules are as follows:

- Responsible End Markets
- PRO Coordination
- Market Share and Modified Market Share

I. Responsible End Markets:

PRO(s) must ensure that materials collected for recycling are sent to responsible end markets and are managed in an environmentally protective way through final disposition.

DEQ is currently unable to estimate to potential cost of compliance with these provisions for these materials. To implement this obligation, PRO(s) will incur costs for auditing and/or certifying recycling supply chains. If out of compliance, PRO(s) may incur costs to come into compliance by implementing solutions, such as the development of alternative markets. DEQ cannot provide an estimate the costs associated with implementing solutions until after July 1, 2025. This is when data on existing recycling supply chains for Oregon’s recyclables will be submitted to DEQ.

II. PRO Coordination:

The proposed rules clarify the coordination requirements if multiple PRO(s) submit program plans to DEQ and receive approval. DEQ proposes to serve as interim coordinator until a PRO coordination plan has been approved or until December 31, 2026, whichever comes sooner. The PRO(s) would pay DEQ’s associated costs, approximately \$1.1 million from April 2024 through to December 2026.

III. Market Share and Modified Market Share:

Proposed rules include a formula termed “modified market share” to fairly divide system costs among multiple PRO(s). The potential fiscal impacts for PRO(s) will be proportional to the product-specific financial burden to Oregon’s recycling system of the products sold into the state by their member producers.

PROs will be responsible to cover DEQ’s costs to develop an index of material-specific financial burden factors to be used in calculating modified market share in the first year of the program.

Public

The proposed rules establish no compliance obligations directly on the public. However, impacts of the rule will result in some indirect fiscal impacts, both negative and positive.

As discussed previously, many of the costs associated with the proposed rules are largely set in the Act. Any fiscal impacts of proposed rules on PRO(s) will be paid by producer members. One potential negative impact on the public depends on whether and how producers pass on additional costs to consumers in Oregon. This has been difficult to estimate. Economic theory predicts that a portion of producer costs will be passed on to consumers in the form of higher shelf prices, although producers that sell into multiple states may recover these costs across customers in multiple states, thereby reducing price impacts on the public in Oregon. A DEQ-commissioned study comparing shelf prices for the same items sold by the same retailers in Canadian provinces with vs. without packaging PROs and producer fees found minimal correlation between product-specific fees (paid by producers) and differences in retail shelf prices.

Another negative impact on the public involves their cost to deliver materials on the PRO Recycling Acceptance List to collection points. Some of these collection points will be co-located with existing solid waste and recycling facilities, while others will be sited in other locations to provide enhanced convenience (and reduce additional driving requirements). DEQ estimates that Oregon households and businesses may incur approximately \$6 to 9 million annually due to added personal vehicle use associated with delivering recyclables to PRO collection points. This estimate is limited to costs of vehicle ownership and operations, and excludes the value of user time. Importantly, such personal vehicle use is voluntary; the rules do not require households or other waste generators to take advantage of and participate in these recycling opportunities.

Anticipated positive impacts for the public from the rules include:

- The improvements to Oregon's recycling system will transfer certain expenses from collection and processing companies currently paid by the ratepayers to the PRO(s). All other things being equal, and in some communities, this should reduce the rates charged to ratepayers, such as households and businesses.⁵
- Oregon households and businesses will also have new opportunities to further reduce expenses for disposing of garbage or paying for a subscription or similar recycling service. For example, households and others currently transporting materials such as expanded polystyrene to distant collection points would benefit from a more convenient network of collection sites.
- Compensation for long distance (50 miles or more) transportation costs may benefit recycling programs and system users in rural and other areas that are far

⁵ It should be noted that in some communities, such as those that make significant expansions or changes to on-route recycling services, rates paid by ratepayers may rise as a result of the Act. In addition, waste collection rates reflect a number of factors which these rules do not effect, such as the price of diesel and the cost of disposal. For that reason, rates charged to users in various Oregon communities may go up or down for reasons largely unrelated to the Act.

from end markets and processing infrastructure. These rules may transfer certain expenses currently paid by ratepayers.

- More and improved recycling will reduce environmental impacts, a central objective of the Act. DEQ estimated the potential changes in environmental outcomes for thirteen different types of impacts, such as emissions of greenhouse gases and air toxics. For each of these outcomes, impacts are then converted to estimates of “social costs”. DEQ estimates that transitioning from the current recycling system to the system contained in the Act, and further clarified in these rules, could reduce social costs by approximately \$29 million annually (net of additional environmental impacts, such as emissions from vehicles used to collect and transport recyclables). This likely understates the full magnitude of benefits, as DEQ’s social cost assessment is limited to only 13 types of environmental impacts. Not included, for example, is one of the more profound impacts of these rules (and the Act), which is to reduce Oregon’s contribution of plastics waste into the oceans, rivers, and disadvantaged communities that may currently result from inadequate separation, processing and exports.
- Implementation of the Act will reduce such societal costs, but not all of those benefits have been quantified. Similarly, the stability offered to collection programs and waste generators associated with uniform, statewide acceptance lists, and the emotional benefits that individuals realize from increased confidence that the materials they separate for recycling will be managed in responsible ways, offer the potential for additional economic benefits that DEQ has not attempted to quantify.

Anticipated Business Impacts

The impacts of these rules are anticipated to be proportionately similar for most businesses regardless of their size. The Act itself provides exemptions for small businesses, although the definition of “small business” in the Act differs from the definition used for this document. The proposed rules do not address those exemptions. DEQ estimates that there are 11 commingled recycling processing facilities operating in the state, but currently does not have the information to distinguish how many fall under the “large” or “small” category.

Large businesses: Businesses with more than 50 employees

Based on membership data provided by the Oregon Refuse and Recycling Association on March 6, 2023, DEQ can provide an estimate of the service providers that would be considered a large business for the purposes of this section and are anticipated to be impacted by the proposed rules. The estimates of cost of compliance by the proposed rules to large businesses apply to the following industry sectors: producers of covered products, processors of materials, and waste service providers.

Large Business/ Sector Type	Business Count
Service Providers	8
Commingled recycling processing facilities	This information is currently unavailable.
Producers of covered products	This information is currently unavailable

A. Local Government Compensation Rules

DEQ proposes three rules associated with local government compensation, transportation costs reimbursement, recycling service expansion and contamination reduction programming. These rules are anticipated to have both fiscal impacts to large businesses.

I. Transportation Costs Reimbursement

At this time, DEQ is unable to determine the total cost associated with the transportation cost reimbursement rule to large businesses.

The proposed transportation costs reimbursement rules are anticipated to have positive fiscal impacts on “large” service providers operating within Oregon. Transportation costs paid by PRO(s) will provide these companies operating a recycling depot and/or a recycling reload facility compensation for transportation when they must transport recyclable materials 50 miles or more to reach a commingled recycling processing facility or a responsible end market. This ensures that it will not be cost prohibitive for a collection company to move low-value material(s) to market.

Commingled recycling processing facilities or, processors, who are considered large businesses should not be directly impacted by the transportation cost reimbursement. The provision of freight reimbursement should make it more viable for distant communities to collect materials for recycling. This should increase the tonnage of material ultimately directed to commingled recycling processing facilities, and the financial opportunity associated with processing and marketing such materials.

DEQ anticipates indirect fiscal impacts of the transportation costs reimbursement rules on large businesses that meet the Act’s definition of a producer. The Act requires that producers pay fees for the total amount of eligible covered product(s) they sell, offer to sell or distribute in or into Oregon to the PRO(s). Expenses incurred by the PRO(s) will be compensated by the PRO’s members, but DEQ is unable to provide an estimate of those membership fees at this time.

II. Recycling Service Expansion

At this time, DEQ is unable to determine the total fiscal impacts to large businesses associated with service expansion because these costs will be informed by a Needs Assessment survey currently in progress.

The proposed recycling service expansion rules are anticipated to have positive fiscal impacts for service providers. The PRO(s) will be responsible for certain costs associated with the expansion and provision of recycling collection services, including for on-route and at depots. For on-route expansion, ongoing labor costs are not an eligible expense and may impose fiscal impacts. However, for depot expansion, ongoing operational costs, such as labor, will be eligible for funding from the PRO(s).

It is anticipated that commingled recycling processing facilities will experience a positive fiscal impact from the proposed service expansion rules because newly established or expanded on-route and depot collection programs, statewide, will lead to an increased volume of material being brought to commingled recycling processing facilities. This will result in more material for commingled recycling processing facilities to handle, market and profit from.

III. Contamination Reduction Programming

As discussed previously the proposed rules clarify which census data must be referenced and clarifies the administrative procedures for reimbursement. DEQ does not anticipate fiscal impacts to large businesses related to these rules.

B. Recycling Acceptance Lists Rules

The proposed materials acceptance list rules will create fiscal impacts on waste and recycling collection companies. Costs associated with collecting materials on the proposed Uniform Statewide Collection List are expected to be several million dollars higher each year than collection costs would be for a less comprehensive list. At the same time, as materials shift from the garbage stream into the commingled collection system, garbage collection, transfer and disposal costs are expected to decrease.

The materials acceptance list rules are anticipated to have fiscal impacts on commingled recycling processing facilities. DEQ expects that new facilities may be built, and existing facilities will be required to invest in upgrades, new equipment and implement new procedures to process the materials proposed for inclusion in the Uniform Statewide Collection List. The higher costs associated with processing larger volumes and a more complicated list should be compensated by fees paid by the PRO(s) to processing facilities under ORS 459A.920 (Contamination Management Fee) and 459A.923 (Processor Commodity Risk Fee). In some cases, higher costs associated with equipment will be offset by savings as mechanization replaces manual labor.

The proposed rules will have fiscal impacts on businesses that are classified as “producers” of covered products. The PRO(s) will charge membership fees to their producer members based on the quantities of different materials they sell into Oregon and the costs that each material imposes upon the PRO(s). The membership fee schedule will be established by the PRO(s) and DEQ is unable to estimate the impact of proposed rules on the producer membership fees. (Please see “PRO Obligations Rules” below for additional discussion of these impacts.)

C. PRO Obligations Rules

The proposed rules related to the PRO obligations are anticipated to have indirect fiscal impacts on large businesses that are producers of covered products and do not qualify for a small producer exemption. The producers of covered products will be required to join and pay membership fees to PRO(s) that will establish the membership fee schedule and administer a producer responsibility program.

The proposed rules require that the PRO(s) structure its fee schedule to cover its costs, and in a multi-PRO scenario, the PRO’s overall costs will be proportional to its modified market share, the formula being proposed in rule.

The PRO(s) will be establishing the membership fees and at this time, DEQ has not estimated the projected costs to individual producers.

Small businesses: Businesses with 50 or fewer employees

The impacts of the proposed rules on small businesses will be similar to large businesses as discussed above, although the impacts should be proportionately smaller. Additionally, the Act provides for an exemption for small producers from the requirement to join and pay fees to a PRO(s). The exemption applies to producers that sell less than one metric ton of covered product into Oregon each year, or which have global revenues of \$5 million or less.

ORS 183.336 Cost of Compliance Effect on Small Businesses

a. Estimated number of small businesses and types of businesses and industries with small businesses subject to proposed rule.

Small business/sector type	Count of Small Businesses
Service Providers	40
Commingled Recycling Processing facilities	This information is not currently available.
Producers of covered products	This information is not currently available.

The types of industries subject to the requirements of these proposed rules include service providers, processing facilities, and producers of covered products, as those terms are defined in ORS 459A.863 and 459A.866. DEQ has not performed a market analysis to estimate the number of businesses, small or large, who meet these defined criteria as part of this proposed rulemaking. Of the small business sectors that will be impacted by proposed rules, the producers of covered products will be obligated to pay a membership fee to the PRO(s).

b. Projected reporting, recordkeeping, and other administrative activities, including costs of professional services, required for small businesses to comply with the proposed rule.

The costs incurred by small businesses that are producers of covered products will be based on the fees and processes established by the PRO(s), not DEQ. DEQ does anticipate some costs associated with the labor and administration of providing PRO-requested information, to be incurred by small businesses. Such requirements are not the subject of this rulemaking.

c. Projected equipment, supplies, labor, and increased administration required for small businesses to comply with the proposed rule.

The costs incurred by small businesses will be based on the fees and processes established by the PRO(s), not DEQ. DEQ does anticipate some costs associated with the labor and administration of providing PRO-requested information, to be incurred by small businesses.

d. Describe how DEQ involved small businesses in developing this proposed rule.

The RAC convened for this rulemaking included representatives of small businesses and membership organizations. The proposed rules are based on legislation that included significant engagement with potentially affected parties, including small businesses.

Documents relied on for fiscal and economic impact

Document title	Document location
Plastic Pollution and Recycling Modernization Act (Senate Bill 582, 2021)	Oregon Legislature website, SB 582
Overview of Scenario Modeling: Oregon Plastic Pollution and Recycling Modernization Act (Cascadia Consulting Group, Mar. 14 2023)	DEQ Recycling website
Memo: Impact of Extended Producer Responsibility Fees for Packaging and Printing Paper on Price of Consumer Packaged Goods (RRS, Feb. 19 2021)	DEQ Recycling website
Supplemental Information: Selected Responses to DEQ’s Recycling Acceptance Lists Request for Information	DEQ Recycling website
Supplemental Information: Recyclability of Paper Cans	DEQ Recycling System Advisory Council website
Materials Lists Technical Workgroup: Comparative Life Cycle Assessment of Expanded Polystyrene Dispositions	DEQ website
Materials Lists Technical Workgroup: Comparative Life Cycle Assessment of Glass Collection and Recycling	DEQ website

Advisory committee fiscal review

DEQ appointed an advisory committee for this rulemaking process. The advisory committee met on April 11, 2023, to discuss the fiscal impact statement.

As ORS 183.33 requires, DEQ asked for the committee's recommendations on:

- Whether the proposed rules would have a fiscal impact,
- The extent of the impact, and
- Whether the proposed rules would have a significant adverse impact on small businesses; if so, then how DEQ can comply with ORS 183.540 reduce that impact.

Advisory committee members were asked to review and provide comment on a draft fiscal impact statement. The current draft has been revised in response to some of the comments received. Overall, committee members did not find that there would be significant impact on small businesses in Oregon but that the analysis could go further in examining impacts to the informal sector, depots, consumers, and rate payers. A summary of their comments can be found in the April 11, 2023, written meetings notes from the sixth RAC meeting, available on the Recycling 2023 [rulemaking webpage](#). The comments included:

- DEQ should provide the reference documents' page numbers in the citations.
- DEQ should consider the potential for job loss.
- Acknowledgement that it is difficult for policy makers to fully understand the full economic impacts of such an undertaking.
- Processors and small business will be impacted, however, they have been included throughout this process. An advantage for some small businesses is that they will be well positioned to adapt.
- Anticipation that there may be fewer jobs but the jobs that remain will be more specialized and will pay higher wages.
- The analysis did not consider potential changes for rate payers, and the statement should be more nuanced to reflect the differences across communities, where some may experience rate increases while others may not.
- The analysis should consider the impacts to consumers.
- The potential for automation does not necessarily need to eliminate jobs, and more work could be done to sustain current employment regardless of automation.
- Impacts on depots should be addressed more directly in this analysis.

Enter specifics about the committee's fiscal impact review.

The committee determined the proposed rules would not have a significant adverse impact on small businesses in Oregon. During the RAC meeting held on April 11, 2023, the committee was asked to consider the following questions:

- Is there a fiscal impact for certain entities, and if so, what is the extent of those impacts?
- Is there a significant impact on small businesses, and how can they be mitigated?

Overall, the committee did not object to the fiscal impacts of the proposed rules. Relatedly, there was some discussion and questions about DEQ's evaluation process and other impacts that the act will have on job loss, depots, impacts to costs to consumers and on collection rates. One Committee member asked how DEQ assessed potential job loss in the evaluation of fiscal impacts and stated that the anticipated changes to the recycling system make it too complex to be able to fully calculate.

Another Committee member confirmed that there will be impacts on small processors, but stated that for small processors, being able to adapt and change will be easier for them compared to larger facilities.

The gaps in understanding the impacts to the future costs of consumers and job loss through automation was also discussed. Impacts to depots who are unable to register or enter meet the criteria to be considered eligible was another concern expressed by a committee member. DEQ was asked to consider having more flexible registration deadlines to allow depots who may not otherwise qualify to participate in the new system.

Another committee member disagreed with DEQ's statement that there could be a decrease in service collection rates. The shift of materials from those that were collected as trash to recycling, that do not provide revenue, will impact some areas and may result in rate increases.

Housing cost

As ORS 183.534 requires, DEQ evaluated whether the proposed rules would influence the development cost of a 6,000-square-foot parcel and construction of a 1,200-square-foot detached, single-family dwelling on that parcel.

DEQ determined the proposed rules would have minimal impacts on these development or construction activities. The proposed rules and related fees would be paid largely by PRO(s), which would be funded through membership fees paid by the producers of specific types of products sold in Oregon. Producers of packaged products, including construction materials, may recover their membership fee expenses by passing those costs on to customers, such as wholesalers, retailers or homebuilders. In theory, this could result in higher retail prices for packaged goods such as plumbing and lighting fixtures. Evidence for these types of price impacts is anecdotal, inconsistent, and not well documented. Further, the price of packaging contributes relatively little to the cost of home construction and even less to the development costs of land. It is further unlikely that those producers or the PRO(s) would modify business operations or take other actions that would have other effects on housing costs or activities. Finally, any such cost increases might be offset by cost reductions associated with the expanded availability of no-fee recycling opportunities, as well as potential reductions in garbage/recycling fees as discussed previously.

DEQ determined the proposed rules would have no effect on the development costs because the price of packaging contributes relatively little to the cost of home construction and even less to the development costs of land. It is further unlikely that those producers or the PRO(s) would modify business operations or take other actions that would have other effects on housing costs or activities.

Racial Equity

ORS 183.335(2)(a)(F) requires state agencies to provide a statement identifying how adoption of this rule will affect racial equity in Oregon.

The scope of this racial equity impact statement is for the proposed rules developed for the first rulemaking of the Plastic Pollution and Recycling Modernization Act. This is the first of two planned rulemakings, and the proposed rules would change Oregon’s recycling requirements to meet the directives and objectives of the Act (Senate Bill 582, 2021). Each change or new provision may have an individual impact while also having an overall, cumulative impact.

This state- and system-wide update will make recycling easier for the public to use, expand access to recycling services, result in upgrades to the facilities that sort recyclables, and create environmental benefits while reducing social and environmental harms, such as plastic pollution. This rulemaking addresses multiple topics including PRO obligations, local government compensation, and the materials acceptance lists. Within each topic, DEQ finds that there are likely positive racial equity impacts and does not anticipate any negative racial equity impacts.

I. Producer Responsibility Organization Obligations: Responsible End Markets

The discrepancy between the quantity of materials generated and marketed to end markets, and the ability of those markets to deal with the materials in ways that do not harm public health or the environment, is an on-going issue within the recycling industry. DEQ’s proposed rules regarding responsible end markets support the Act’s objectives to benefit Oregon’s environment and minimize risk to public health and worker safety. By requiring that materials collected for recycling in Oregon all go to responsible end markets, as defined in the law and further subject to criteria established by DEQ through this rulemaking, the proposed rules are designed to improve the environmental and social benefits of recycling.

These proposed rules could address negative impacts of recycling facilities upon adjacent communities, which are more likely to include communities of color due to systemically racialized zoning and land use practices. By requiring PRO(s) and commingled processing recycling facilities to send waste only to responsible end markets, as defined in the proposed rules, DEQ expects to achieve public health, social and environmental benefits for communities disproportionately burdened by the processing and disposition of recycled materials.

II. Local Government Compensation

The proposed rules would create funding structures to improve recycling opportunities, particularly for communities and individuals across Oregon underserved by the current system. This includes tenants in multifamily buildings, and residents in exurban and rural communities and other areas that are located far from major recycling infrastructure, which

is primarily located in the Portland area. In Oregon, these groups make up 12.5 percent of low income and minority community members ⁶, who are disproportionately non-white.

The funding structures established through the Act, and clarified in these proposed rules will benefit underserved communities by:

- Providing local governments or a local government's service provider(s) with funding to cover the capital costs associated with either establishing or expanding an on-route program for collection of recyclable materials (RMA covers the single-family, commercial and multifamily sectors), or covering start-up and operational costs associated with recycling depots.
- Reducing financial barriers for getting recyclables from distant areas to commingled recycling processing facilities or responsible end markets by providing financial support for the transportation of collected materials. This should significantly equalize recycling costs between different areas of the state.
- Creating standards and requirements for non-urban communities to provide recycling services to their residents, consistent with services available in urbanized portions of the state.

III. Recycling Acceptance Lists

These proposed rules would improve equity of service for all communities across Oregon by requiring the acceptance of materials on a uniform statewide collection list, regardless of location or proximity to recycling facilities. The recommended convenience standards for materials on the PRO Recycling Acceptance List will further expand recycling communities in all counties of Oregon. Additional standards ensure that at least some collection points will be accessible to users of public transit, and that cities with multiple collection points must have those collection points distributed throughout the community. Performance standards will help to ensure that collection points are maintained and avoid litter or other hazards, regardless of neighborhood or location. The creation of uniform lists also allows for clear and consistent information and messaging to all people across Oregon, including the availability of information in languages other than English to ensure compliance with state and federal laws for meaningful and equitable access to government services. The intent is to distribute more standardized benefits, including improved access to recycling, and reduce disproportionate burdens across communities.

Advisory committee review of racial equity impact

DEQ asked for the committee's input on how adoption of this rule would affect racial equity in this state.

⁶ Kaiser Family Foundation, 2021, Poverty by Race/Ethnicity:
<https://www.kff.org/other/state-indicator/poverty-rate-by-raceethnicity/?currentTimeframe=0&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>

The committee members were asked to review and provide comment on the draft racial equity statement and their comments are also summarized in the sixth RAC written meeting summary. The comments provided during the meeting included:

- DEQ was asked to consider impacts to economic opportunities for the informal collection sector.
- DEQ was asked to consider potential job loss at material recovery facilities for positions typically filled disproportionately by people of color.
- A question about whether the rules have unintentionally excluded tribal governments from being eligible for funding.
- A question about whether DEQ's process for conducting this analysis include any consultation with groups representing impacted BIPOC communities.
- The analysis did not include impacts to laborers and collectors from the informal sector.
- A question about whether the analysis should consider the limited availability of data and difficulty collecting data around multi-family recycling.
- A question about whether there was any analysis conducted on the potential cost to consumer goods and the impacts they may have.

Federal relationship

ORS 183.332, 468A.327 and OAR 340-011-0029 require DEQ to attempt to adopt rules that correspond with existing equivalent federal laws and rules unless there are reasons not to do so.

The proposed rules are not different from or in addition to federal requirements.

What alternatives did DEQ consider if any?

DEQ did not consider alternatives because this rulemaking is proposing new rules.

Land use

Land-use considerations

In adopting new or amended rules, ORS 197.180 and OAR 340-018-0070 require DEQ to determine whether the proposed rules significantly affect land use. If so, DEQ must explain how the proposed rules comply with statewide land-use planning goals and local acknowledged comprehensive plans.

Under OAR 660-030-0005 and OAR 340 Division 18, DEQ considers that rules affect land use if:

- The statewide land use planning goals specifically refer to the rule or program, or
- The rule or program is reasonably expected to have significant effects on:
 - Resources, objects, or areas identified in the statewide planning goals, or
 - Present or future land uses identified in acknowledge comprehensive plans

DEQ determined whether the proposed rules involve programs or actions that affect land use by reviewing its Statewide Agency Coordination plan. The plan describes the programs that DEQ determined significantly affect land use. DEQ considers that its programs specifically relate to the following statewide goals:

Goal	Title
5	Natural Resources, Scenic and Historic Areas, and Open Spaces
6	Air, Water and Land Resources Quality
11	Public Facilities and Services
16	Estuarine Resources
19	Ocean Resources

Statewide goals also specifically reference the following DEQ programs:

- Nonpoint source discharge water quality program – Goal 16
- Water quality and sewage disposal systems – Goal 16
- Water quality permits and oil spill regulations – Goal 19

Determination

DEQ determined that these proposed rules do not affect land use under OAR 340-018-0030 or DEQ’s State Agency Coordination Program.

EQC Prior Involvement

DEQ shared a general rulemaking update with the EQC as an information item at the September 2022 EQC meeting.

Advisory Committee

Background

DEQ convened the Plastic Pollution and Recycling Modernization Act rulemaking advisory committee. The committee included representatives from local governments, collection service providers, industry, and environmental groups and met six times. For more information, please visit the [committee's web page](#).

Recycling Modernization Act Rulemaking Advisory Committee	
Name	Representing
Trevor Beltz	Tillamook County Creamery Association
Udara Abeseykera Bickett (replaced by Mike Riley meeting 2 and Lindsay Hardy meeting 5)	The Environment Center
Tim Brownell (replaced Katy Nesbitt, Wallowa County)	Deschutes County
Rosalynn Greene	Metro
Sydney Harris (replaced by Scott Cassell meetings 4-6)	Product Stewardship Institute
Allen Langdon	Circular Materials
Michael McHenry (replaced by Stephen Henry meeting 2)	Pendleton Sanitary Service, Inc.
Kristan Mitchell	Oregon Refuse and Recycling Association
Jeff Murray	EFI Recycling Inc.
Deveron Musgrave	City of Eugene
Jerry Powell	Residents
Mallorie Roberts (replaced by Michael Burdick meetings 3-6)	Association of Oregon Counties
Jared Rothstein (replaced by Lauren Janes meetings 3-6)	Consumer Brands Association
John Salvador	Georgia-Pacific Professional
Craig Smith (replaced by Pam Barrow meetings 5 and 6)	Food Northwest
Paloma Sparks (replaced by Scott Bruun meetings 4-6)	Oregon Business and Industry
Taylor Cass Talbott	Trash for Peace
Nicole Willett (replaced by Maria Constantinou meetings 4 and 5)	Green for Life

Meeting notifications

To notify people about the advisory committee's activities, DEQ:

- Sent GovDelivery bulletins, a free e-mail subscription service, to the following lists:
 - Rulemaking
- Reminded all attendees at each rulemaking advisory committee meeting that they could sign-up for the GovDelivery bulletin to receive updates about the rulemaking.
- Posted information regularly on DEQ's recycling rulemaking webpage
- Added advisory committee announcements to DEQ's calendar of public meetings at [DEQ Calendar](#).

Committee discussions

In addition to the recommendations described under the Statement of Fiscal and Economic Impact section above, the committee was asked to discuss and provide input on proposed rule concepts and the draft rules. Agendas, meeting materials, and meeting summaries are available on the rulemaking webpage.

Public Engagement

Public notice

DEQ provided notice of the proposed rulemaking and rulemaking hearing by:

- On May 25, 2023 Filing notice with the Oregon Secretary of State for publication in the June 2023 Oregon Bulletin;
- Posting the Notice, Invitation to Comment and Draft Rules on the web page for this rulemaking, located at: [Recycling Updates 2023](#);
- Emailing approximately 23,906 interested parties on the following DEQ lists through GovDelivery:
 - Rulemaking
 - DEQ Public Notices
 - Recycling Modernization Act
- Emailing the following key legislators required under [ORS 183.335](#):
 - Senator Michael Dembrow, Chair, Senate Education Committee, Co-Chair, Joint Committee on Ways and Means Subcommittee on Natural Resources, Co-Chair, Environmental Caucus
 - Senator Janeen Sollman, Co-Chair, Joint Committee on Ways and Means Subcommittee on General Government
 - Senator Lynn P. Findley
 - Representative Pam Marsh
 - Representative Susan McLain
- Emailing advisory committee members,
- Posting on the DEQ event calendar: [DEQ Calendar](#)

How to comment on this rulemaking proposal

DEQ is asking for public comment on the proposed rules. Anyone can submit comments and questions about this rulemaking. A person can submit comments through email, postal mail or verbally at the public hearing(s).

- Email: Send comments by email to recycling.2023@deq.oregon.gov
- Postal mail: Oregon DEQ, Attn: Roxann Nayar/Materials Management, 700 NE Multnomah Street, Suite 600, Portland, Oregon 97232-4100
- At the public hearing(s): 11 a.m., Tuesday, June 27, 2023, or, 5 p.m., Thursday, June 29, 2023.

Comment deadline

DEQ will only consider comments on the proposed rules that DEQ receives by 4 p.m. Pacific Time, on **July 28, 2023**.

Note for public university students:

ORS 192.345(29) allows Oregon public university and OHSU students to protect their university email addresses from disclosure under Oregon's public records law. If you are an Oregon public university or OHSU student, notify DEQ that you wish to keep your email address confidential.

Public Hearing

DEQ plans to hold two public hearings as part of this notice. The public hearings are online and by teleconference only. Anyone can attend a hearing by teleconference, held using Zoom, an online meeting platform. Toll-free telephone access will be available for audio-only connections.

11 a.m., Tuesday, June 27, 2023:

Please [Register via Zoom](#) prior to the meeting:

5 p.m., Thursday, June 29, 2023:

Please [Register via Zoom](#) prior to the meeting:

After registering, you will receive a confirmation email with instructions on how to join the meeting. If you are unable to register online using the link above, please contact Roxann Nayar for more information on how to register and attend the hearing.

Email: Roxy.Nayar@deq.oregon.gov

Phone: 503-593-3306

DEQ will consider all comments and testimony received before the closing date. DEQ will summarize all comments and respond to comments in the Environmental Quality Commission staff report. DEQ intends to present these proposed rules at the November 16-17, 2023 regular EQC meeting.

Alternate formats

DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email deqinfo@deq.state.or.us.

DEQ does not discriminate on the basis of race, color, national origin, disability, age or sex in administration of its programs or activities. Visit DEQ's [Civil Rights and Environmental Justice page](#).

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include a place to which persons not residing on or occupying the property may deliver source separated recyclable material.

(3) "Collection service customers" includes: residential and commercial customers of a collection service as defined in ORS 459.005, and also, as of July 1, ~~2022~~2026, the multi-family residential and commercial tenants of landlords or property managers that are customers of a collection service for the benefit of their tenants.

(4) "Collector" means the person who provides collection service.

(5) "Commercial" means stores, offices including but not limited to manufacturing and industry offices, restaurants, warehouses, schools, colleges, universities, hospitals, prisons, and other institutions and non-manufacturing entities. "Commercial" does not include manufacturing activities or business, manufacturing, or processing activities in residential dwellings.

(6) "Composting" means the managed process of controlled biological decomposition of organic or mixed solid waste. It does not include composting for the purposes of soil remediation. Compost is the product resulting from the composting process. "Composting" includes both aerobic composting and anaerobic digestion.

(7) "Consumer of newsprint" means a person who uses newsprint in a commercial or government printing or publishing operation.

(8) "DEQ" means the Department of Environmental Quality.

(9) "Depot" means a place for receiving source separated recyclable material.

(10) "Director" means the Director of the Department of Environmental Quality.

(11) "Disposal site" means land and facilities used for the disposal, handling or transfer of or energy recovery, material recovery, and recycling from solid wastes, including but not limited to dumps, landfills, sludge lagoons, sludge treatment facilities, disposal sites for septic tank pumping or cesspool cleaning service, transfer stations, energy recovery facilities, incinerators for solid waste delivered by the public or by a collection service, composting plants and land and facilities previously used for solid waste disposal at a land disposal site; but the term does not include a facility authorized by a permit issued under ORS 466.005 to 466.385 to store, treat or dispose of both a hazardous waste and solid waste; a facility subject to the permit requirements of ORS 468B.050; a site which is used by the owner or person in control of the premises to dispose of soil, rock, concrete or other similar nondecomposable material, unless the site is used by the public either directly or through a collection service; or a site operated by a wrecker issued a certificate under ORS 822.110.

(12) "Energy intensive materials" means metals, paper, plastic, and food, including products that are primarily made of metals, paper, or plastic, such as some furniture, small and large appliances, and consumer electronics.

(13) "Energy recovery" means recovery in which all or a part of the solid waste materials are processed to use the heat content, or other forms of energy, of or from the material.

(14) "EQC" means the Environmental Quality Commission.

(15) "Food rescue" means the practice of safely retrieving wholesome food still fit for human consumption that would otherwise be left unharvested or go to animal feed or a composting facility, anaerobic digestion facility, energy recovery facility, or other disposal site and redistributing that food through a food assistance program.

(16) "Food waste" means waste from fruits, vegetables, meats, dairy products, fish, shellfish, nuts, seeds, grains, and similar materials that results 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.

(17) "Franchise" includes a franchise, certificate, contract or license issued by a local government unit authorizing a person to provide solid waste management services.

(18) "Generator" means a person who last uses a material and makes it available for disposal or recycling.

(19) "Glass container manufacturer" means a person that manufactures new glass containers in Oregon or that manufactures new glass containers outside Oregon sold by the manufacturer to packagers located in Oregon.

(20) "Industrial waste" means solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under ORS Chapters 465 and 466. Such waste may include, but is not limited to, waste resulting from the following processes: Electric power generation; fertilizer/agricultural chemicals; food and related products/by-products; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay and concrete products; textile manufacturing; transportation equipment; water treatment; and timber products manufacturing. This term does not include construction/demolition waste; or municipal solid waste from manufacturing or industrial facilities such as office or "lunch room" waste, or packaging material for products delivered to the generator.

(21) "Infrastructure support" means in-kind contributions in support of reuse, repair, leasing or sharing of efforts to reduce waste, such as: local government staff time; franchisee staff time; space at facilities owned, permitted, or franchised by a local government; space for meetings, storage, or display of materials; equipment; access to land; and access to vehicles.

(22) "Land disposal site" means a disposal site in which the method of disposing of solid waste is by landfill, dump, pit, pond, lagoon or land application.

(23) "Local government" means a political subdivision that regulates either solid waste collection, disposal, or both, including but not limited to incorporated cities, municipalities, townships, counties, parishes, regional associations of cities and counties, tribal reservations, and metropolitan service districts, but not including sewer districts, fire districts, or other political subdivisions that do not regulate solid waste.

(24) "Local government unit" means the territory of a political subdivision that regulates either solid waste collection, disposal, or both, including but not limited to incorporated cities, municipalities, townships, counties, parishes, regional associations of cities and counties, tribal reservations, and metropolitan service districts, but not including sewer districts, fire districts, or other political subdivisions that do not regulate solid waste. If a county regulates solid waste collection within unincorporated areas of the county but not within one or more incorporated cities or municipalities, then the county local government unit must be considered as only those areas where the county directly regulates solid waste collection.

(25) "Material recovery" means any process of obtaining from solid waste, by presegregation or otherwise, materials that still have useful physical or chemical properties and can be reused, recycled or composted for some purpose.

(26) "Metropolitan service district" means a district organized under ORS Chapter 268 and exercising solid waste authority granted to such district under ORS Chapters 268, 459, and 459A.

(27) "Multi-family" means dwellings of five or more units.

(28) "Newsprint" means paper meeting the specifications for Standard Newsprint Paper and Roto Newsprint Paper as set forth in the ~~2016~~2023 HTSA Supplement edition of the Harmonized Tariff Schedule of the United States for such products. (See Figure 1.)

(29) "On-route collection" means pick up of source separated recyclable material from the generator at the place of generation.

(30) "On-site collection" has the same meaning as on-route collection.

(31) "Opportunity to recycle" means those activities described in OAR 340-090-0020, 340-090-0030, 340-090-0040, 340-090-0041, 340-090-0042, 340-090-0050 and 340-090-0080.

(32) "Permit" means a document issued by DEQ bearing the signature of the director or the director's authorized representative and that by its conditions may authorize the permittee to construct, install, modify, operate or close a disposal site in accordance with specified limitations.

(33) "Person" means the United States, the state or a public or private corporation, local government unit, public agency, individual, partnership, association, firm, trust, estate or other legal entity.

(34) "Post-consumer waste" means a finished material that would normally be disposed of as solid waste, having completed its life cycle as a consumer item. Post-consumer waste does not include manufacturing waste.

~~(35) "Principal recyclable material" means material that is a recyclable material at some place where the opportunity to recycle is required in a watershed and is identified by the EQC in OAR 340-090-0070.~~

~~(3635) "Recyclable material" means any material or group of materials that can be collected and sold for recycling at a net cost equal to or less than the cost of collection and disposal of the same material.~~ means any material identified for recycling collection under ORS 459A.914 or any other material or group of materials that can be collected and sold for recycling at a net cost equal to or less than the cost of collection and disposal of the same material.

~~(3736) "Recycled-content newsprint" means newsprint that includes post-consumer waste paper.~~

~~(3837) "Recycling" means any process by which solid waste materials are transformed into new products in such a manner that the original products may lose their identity.~~

~~(39) "Recycling setout" means any amount of source-separated recyclable material set out at or near a residential dwelling for collection by the recycling collection service provider.~~

~~(3840) "Residential" means single family dwellings and multi-family dwellings having four or fewer units.~~

~~(4391) "Reuse" means the return of a commodity into the economic stream for use in the same kind of application as before without change in its identity.~~

~~(402) "Solid waste" means all useless or discarded putrescible and nonputrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials; discarded or abandoned vehicles or parts thereof; discarded home and industrial appliances; manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386. "Solid waste" does not include:~~

~~(a) Hazardous wastes as defined in ORS 466.005;~~

~~(b) Materials used for fertilizer, soil conditioning, humus restoration, or for other productive purposes or which are salvageable for these purposes and are used on land in agricultural operations and growing or harvesting crops and raising fowls or animals, provided the materials are used at or below agronomic application rates, or:~~

~~(c) Woody biomass that is combusted as a fuel by a facility that has obtained a permit described in ORS 468A.040.~~

(~~4143~~) "Solid waste management" means: preventing or reducing solid waste; managing the storage, collection, transportation, treatment, utilization, processing and final disposal of solid waste, recycling, reuse and material or energy recovery from solid waste; and facilities necessary or convenient to such activities.

(~~4244~~) "Source separate" means that the person who last uses recyclable material separates the recyclable material from [other](#) solid waste.

(~~4345~~) "Technical assistance" means assistance in support of reuse, repair, leasing or sharing provided to businesses or non-profit staff or programs, such as: program design and implementation; publicizing and promoting opportunities through channels such as directories of reuse and repair operations; research to support technical assistance efforts; and expending funds to hire specialists or contractors who provide information and advice in topics such as business planning, operations, facility design, market research, and marketing.

(~~4446~~) "Toxic materials" means products or other materials that contain chemicals or groups of chemicals on DEQ's Toxics Focus List or that DEQ otherwise designates as "toxic."

(~~4547~~) "Urbanized area" means, for jurisdictions within the State of Oregon, the territory within the urban growth boundary of each city of 4,000 or more population, or within the urban growth boundary established by a metropolitan service district. For jurisdictions outside the State of Oregon, "urbanized area" means a geographic area with substantially the same character, with respect to minimum population density and commercial and industrial density, as urbanized areas within the State of Oregon.

(~~4648~~) "Waste prevention" means reducing the amount of solid waste generated or resources used, without increasing toxicity, in the design, manufacture, purchase or use of products or packaging. "Waste prevention" does not include reuse, recycling or composting.

(~~4749~~) "Waste prevention campaign" means an organized effort intended to change one or more specific behaviors or practices that reduces the amount of solid waste generated or resource used without increasing toxicity in the design, manufacture, purchase, or use of products or packaging. A food rescue program is not a waste prevention campaign for the purpose of complying with sections OAR 340-090-0042(3) or (4).

(~~4850~~) "Wasteshed" means the areas of the state of Oregon as defined in [ORS 459.005 and listed in](#) ORS 459A.010 and OAR 340-090-0050.

(~~4951~~) "Yard debris" means vegetative and woody material generated from residential property or from commercial landscaping activities. This includes grass clippings, leaves, hedge trimmings and similar vegetative waste but does not include stumps or similar bulky wood materials.

[\[ED. NOTE: To view attachments referenced in rule text, click here to view rule.\]](#)

Statutory/Other Authority: ORS 459.045, 459A.100 - 459A.120 & 468.020

Statutes/Other Implemented: ORS 459A.005 & 459A

History:

[DEQ 48-2017, minor correction filed 12/14/2017, effective 12/14/2017](#)

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 10-1994, f. & cert. ef. 5-4-94

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0010

DEQ 1-1989, f. & cert. ef. 1-27-89

DEQ 5-1988, f. & cert. ef. 2-2-88

DEQ 7-1987, f. & cert. ef. 3-18-87

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0015

Scope and Applicability

(1) OAR [340-090-0005 to 0510](#)~~chapter 340, division 90~~ describes the requirements for waste reduction and recycling programs for residential and commercial solid wastes.

(2) The requirements in [OAR 340-090-0005 to 0510](#)~~OAR chapter 340, division 90~~ apply to local governments generally and where specified to landfill owners/operators, solid waste collection services, and other persons.

(3) OAR chapter 340, division 90 is adopted under the authorities in ORS Chapter 459 and 459A and should be used in conjunction with the laws of the State of Oregon.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.010, 459A.020, 459A.025, 459A.030, 459A.035, 459A.040, 459A.050, 459A.055, 459A.060, 459A.065, 459A.070, 459A.075, 459A.080, 459A.085, 459A.100, 459A.110, 459A.115 & 459A.120

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92 (and corrected 1-5-93)

340-090-0020

Opportunity to Recycle

The opportunity to recycle as set forth in ORS 459A.005, 459A.007, 459A.008 and 459A.010, includes at a minimum the requirements described in OAR 340-090-0030, 340-090-0040, ~~340-090-0041~~, 340-090-0042, and 340-090-0050. The appropriate city, county, or metropolitan service district, may request approval of an alternative program for meeting the requirements of the opportunity to recycle under OAR 340-090-0080.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0020

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0030

General Requirements

(1) The city, county, or metropolitan service district responsible for solid waste management must ensure that a place for collecting source separated recyclable materials identified in OAR 340-090-0630(4)(a) is located at each permitted disposal site or located at an alternative location in the jurisdiction that is more convenient to the population being served by the disposal site.

(2) Effective July 1, 2025 to January 1, 2027, a city, county or metropolitan service district, a local government's service provider or a commingled recycling reload facility may not deliver to a commingled recycling processing facility commingled recyclables that were collected pursuant to the uniform statewide collection list established under ORS 459A.914 unless:

(a) At the time the city, county or metropolitan service district, the local government's service provider or the comingled recycling reload facility delivered or contracted to deliver or transport materials to the commingled recycling facility:

(A) the commingled recycling facility held a valid permit issued under ORS 459A.955; or

(B) For a commingled recycling facility located outside of this state:

(i) The facility held a valid certificate issued under ORS 459A.956; or

(ii) The facility certified that it otherwise met the requirements of ORS 459A.955 or 459A.956, even though the facility did not hold a permit or certificate.

(b) Within six months after the DEQ completes a report under ORS 459A.932, the commingled recycling processing facility has taken steps to implement any recommendations of the report related to providing opportunities in the recycling industry for women and minority individuals as defined in ORS 200.005.

(3) Effective January 1, 2027, a city, county or metropolitan service district, a local government's service provider or a commingled recycling reload facility may not deliver to a commingled recycling processing facility commingled recyclables that were collected pursuant to the uniform statewide collection list established under ORS 459A.914 unless:

(a) At the time the city, county or metropolitan service district, a local government's service provider or the comingled recycling reload facility delivered or contracted to deliver or transport materials to the commingled recycling facility:

(A) the commingled recycling facility held a valid permit issued under ORS 459A.955; or

(B) For a commingled recycling facility located outside of this state:

(i) The facility held a valid certificate issued under ORS 459A.956; or

(ii) The facility certified that it otherwise met the requirements of ORS 459A.955 or 459A.956, even though the facility did not hold a permit or certificate.

(b) The processor ensures the health, safety and wellness of workers at the facility regardless of whether the workers are employees, independent contractors or employees of another business.

(c) The processor provides workers at the facility with a living wage and supportive benefits, as defined by the rule by the Environmental Quality Commission.

(d) Within six months after the DEQ completes a report under ORS 459A.932, the commingled recycling processing facility has taken steps to implement the recommendations of the report related to providing opportunities in the recycling industry for women and minority individuals as defined in ORS 200.005.

(4) Effective January 1, 2026 a city, county, or metropolitan service district shall ensure that roll carts, bins and containers purchased by its service providers are manufactured from at least 10 percent post-consumer recycled material and are certified by an independent verification standard, such as the Postconsumer Resin Certification Program established by the Association of Plastics Recyclers.

(5) Effective July 1, 2025, except as provided by ORS 459A.914(6), a material may not be collected as part of a commingled recycling program unless the material is identified for collection as part of a commingled recycling program on the uniform statewide collection list.

(6) For purposes of sections (2) through (5) of this rule the terms “commingled recycling,” “commingled recycling processing facility,” “local government’s service provider,” and “recycling reload facility” have the meaning provided by ORS 459A.863.

~~(2) Each city with a population of 4,000 or more or, where applicable, within the urban growth boundary established by a metropolitan service district, must provide on-route collection service for source-separated recyclable materials at least once a month for all collection service customers within the city limits and the county must provide that service to the collection service customers within the urban growth boundary but outside of the city limits.~~

(7) Each city that is within a metropolitan service district or with a population of at least 4,000 and each county that is responsible for the area between city limits and the urban growth boundary of the city or the area outside the city limits but within a metropolitan service district shall:

(a) Provide on-route collection service for source-separated recyclable materials identified in OAR 340-090-0630(4)(b) at least once a month for all collection service customers within the city limits and within the urban growth boundary or metropolitan service district but outside of the city limits.

(b) Effective July 1, 2026 for the recycling collection of materials identified on the uniform statewide collection list at multifamily properties:

(A) Ensure adequate space for collection.

(B) Demonstrate a plan to ensure adequate space and access for collection vehicles after new construction or significant remodels.

(C) Update or establish service standards for service providers to provide adequate service volume or collection frequency, or a combination of both.

(D) Ensure that container placement is accessible to residents, including children and individuals who use a wheelchair.

(E) Report on activities to meet the requirements of this subsection in the periodic report submitted according to the requirements of OAR 340-090-0100.

(c) To the extent that funding is provided under ORS 459A.890(4), establish and implement, or cause to be established and implemented, a program to reduce contamination that:

(A) Includes one or more local recycling contamination reduction goals that are consistent with the statewide goals established by the DEQ pursuant to ORS 495A.929(1)(a).

(B) Causes collected source separated recyclables to undergo periodic evaluation of collected material quality and contamination, in accordance with forms and procedures established by the Department of Environmental Quality under ORS 459A.959.

(C) Includes:

(i) At least one of each of the three types of contamination reduction program elements contained on the list established by the DEQ pursuant to ORS 459A.929(1)(c), or

(ii) Uses materials or methods that are at least as effective as materials or methods approved by DEQ pursuant to ORS 459A.929(1)(c).

(D) Includes, at least once every five years, a process for reviewing, and revising as appropriate, the local goals and local elements established under this subsection.

~~(83)~~ The city or county responsible for solid waste management must carry out a public education and promotion program that meets the following minimum requirements:

(a) An initial written or more effective notice or combination of both that is reasonably designed to reach each residential and commercial generator of recyclable materials, and that clearly explains why people should recycle, the recycling opportunities available to the recipient, the materials that can be recycled and the proper preparation of those materials for recycling. The notice must include the following specific information:

(A) Reasons why people should recycle; and

(B) Name, address and telephone number of the person providing on-route collection where applicable; and

(C) Listing of depots for recyclable materials at all disposal sites serving the area and any alternative DEQ-approved more convenient locations, including the materials accepted and hours of operation; or

(D) Instead of paragraphs (B) and (C) of this subsection a telephone number ~~to call~~ [and a website address to contact](#) ~~find for~~ information about depot locations and collection service as appropriate.

(b) Existing residential and commercial collection service customers must be provided information, at least semi-annually, through a written or more effective notice or combination of both, listing the materials collected, the schedule for collection, proper method of preparing materials for collection and an explanation of the reasons why source separation of materials for recycling is necessary;

(c) Written information to be distributed to disposal site users at all disposal sites or, alternatively, more convenient locations with attendants and where it is otherwise practical. The written information must include the following:

(A) Reasons why people should recycle; and

(B) List of materials that can be recycled; and

(C) Instruction for the proper preparation of recyclable materials.

(d) At sites without attendants, a sign indicating availability of recycling at the site or at the more convenient location must be prominently displayed that indicates materials accepted and hours of operation;

(e) Identify and establish a procedure for citizen involvement for the development and implementation of an education and promotion program;

(f) Notification and education materials provided to local media and other groups that maintain regular contact with commercial and residential generators and the public in general, including local newspapers, trade publications, local television and radio stations, community groups, and neighborhood associations;

(g) A person identified as the education and promotion representative for the appropriate jurisdiction to be the official contact to work with the other affected persons in matters relating to education and promotion for recycling.

[\(h\) A local government that provides the opportunity to recycle or the local government's service provider shall utilize and distribute educational resources developed under ORS 459A.893\(1\). A local government or the local government's service provider may incorporate the educational resources developed under this section into an existing education program developed to satisfy the requirements of ORS 459A.007 and 459A.008.](#)

Statutory/Other Authority: ORS 459.045, 459A.100 - 459A.120 & 468.020

Statutes/Other Implemented: ORS 459A.005, [459A.007](#), & 459A.010, [459A.896](#), [459A.905](#), [459A.908](#), [459A.911](#), [459A.914](#) & [459A.929](#).

History:

[DEQ 10-2017, minor correction filed 10/27/2017, effective 10/27/2017](#)

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 10-1994, f. & cert. ef. 5-4-94

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0020 & 340-060-0040

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0040

Local Government Recycling Program Elements

(1) In addition to the minimum requirements in OAR 340-090-0030 and 340-090-0042, each city with a population of 4,000 or more and any county responsible for the area between the city limits and the urban growth boundary of that city, or the area outside the city limits but within a metropolitan service district, must implement recycling program elements from section (3) of this rule based on the following requirements:

(a) For cities within a metropolitan service district:

(A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least four additional elements set forth under section (3) of this rule;

(B) At least eight recycling program elements set forth under section (3) of this rule; or

(C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(b) For cities with a population of at least 4,000 but not more than 10,000 that are located 120 miles or less from the City of Portland:

(A) At least four recycling program elements set forth under section (3) of this rule; or

(B) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(c) For cities with a population of at least 4,000 but not more than 10,000 that are more than 120 miles from the City of Portland:

(A) At least three recycling program elements set forth under section (3) of this rule; or

(B) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(d) For cities with a population of more than 10,000 but not more than 50,000 that are located 150 miles or less from the City of Portland:

(A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least two additional elements set forth under section (3) of this rule;

(B) At least six recycling program elements set forth under section (3) of this rule; or

(C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(e) For cities with a population of more than 10,000 that are located more than 150 miles from the City of Portland:

(A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least one additional element set forth under section (3) of this rule;

(B) At least five recycling program elements set forth under section (3) of this rule; or

(C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(f) For cities with a population of more than 50,000 that are located 150 miles or less from the City of Portland:

(A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least three additional recycling program elements set forth under section (3) of this rule;

(B) At least seven recycling program elements set forth under section (3) of this rule; or

(C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(g) A local government that is not subject to ORS 459.007(6) or (7) or OAR 340-090-0042 may substitute for one recycling program element set forth under section (3) of this rule:

(A) The waste prevention and reuse program element set forth under OAR 340-090-0042(2); and

(B) At least two additional waste prevention and reuse program elements set forth under OAR 340-090-0042.

(2)(a) For determining a city's distance in miles from the City of Portland under section (1) of this rule, DEQ must use the current mileage table or comparable current mileage statistics from the Oregon Department of Transportation.

~~(b) The effective date of section (1) of this rule is January 1, 2018. Until that date, in addition to the minimum requirements in OAR 340-090-0030, each city with a population of 4,000 or more and any county responsible for the area between the city limits and the urban~~

~~growth boundary of that city must implement additional recycling program requirements selected from section (3) of this rule in accordance with the following criteria:~~

~~(A) Each city with a population of at least 4,000 but not more than 10,000 that is not within a metropolitan service district and any county responsible for the area between the city limits and the urban growth boundary of that city must implement one of the following, except where otherwise indicated:~~

~~(i) Implement subsections (3)(a), (b), and (c) of this rule;~~

~~(ii) Select and implement at least three program elements listed in section (3) of this rule; or~~

~~(iii) Implement an alternative program that is approved by DEQ under OAR 340-090-0080.~~

~~(B) Each city with a population of more than 10,000 or that is within a metropolitan service district and any county responsible for the area within a metropolitan service district or the area between the city limits and the urban growth boundary of that city must implement one of the following, except where otherwise indicated:~~

~~(i) Implement subsections (3)(a), (b), and (c) of this rule and one additional element in section (3) of this rule;~~

~~(ii) Select and implement at least five program elements listed in section (3) of this rule; or~~

~~(iii) Implement an alternative program that is approved by DEQ under OAR 340-090-0080.~~

(3) Program elements:

(a) Deliver to each residential collection service customer at least one durable recycling container. For purposes of this program element, a durable container must be a rigid box or bucket with a volume of at least 12 gallons made of material that holds up under all weather conditions for at least five years and that the resident and the collector can easily handle;

(b) Provide on-route collection at least once each week of source separated recyclable materials [designated by OAR 340-090-0630\(4\)\(b\)](#), ~~excluding yard debris~~, to residential collection service customers provided on the same day that solid waste is collected from each customer;

(c) Provide a recycling education and promotion program that is expanded from the minimum requirements described in OAR 340-090-0030(83), and supports the management of solid waste in the following priority order: first preventing the generation of waste, then reusing materials, then recycling materials, then composting materials, then recovering energy, and finally safely disposing of solid waste that cannot be prevented, reused, recycled, composted or used for energy recovery.

(A) Each local government's expanded program must satisfy the applicable requirements of ORS 459A.008 and OAR 340-090-0041 and:

(i) Must inform all solid waste generators of how to prevent waste and how to reuse, recycle and compost material;

(ii) Must inform all solid waste generators of the manner and benefits of preventing waste and how to reuse, recycle, and compost materials;

(iii) Must promote the use of recycling services;

(iv) Must determine the levels of contamination of materials set out for collection and take action to reduce contamination in collected recyclables; and

(v) Must target educational and promotional materials provided to commercial customers to meet the needs of various types of businesses and should include reasons to recycle, including economic benefits, common barriers to recycling and solutions, additional resources for commercial generators of solid waste, and other information designed to assist and encourage recycling efforts. These materials must encourage each commercial generator of solid waste to strive to achieve 55 percent recovery from its solid waste stream by the year 2025.

(B) The expanded program must be provided in one of the two following ways:

(i) A "Specified Action" program, which must include at a minimum the following elements:

(I) All new residential and commercial collection service customers must each receive a packet of educational materials that contain information listing the materials collected, the schedule for collection, proper method of preparing materials for collection and an explanation of the reasons why customers should source separate materials for recycling;

(II) Existing residential and commercial collection service customers must be provided information identified in OAR 340-090-0040(3)(c)(B)(i)(I) at least four times a calendar year through a written notice or effective alternative to reach various solid waste generators, or combination of both;

(III) At least annually information regarding the benefits of recycling and the type and amount of materials recycled during the past year must be provided directly to the collection service customer in written form and must include additional information including the procedure for preparing materials for collection;

(IV) Targeting of at least one community or media event per year to promote waste prevention, reuse, recycling and composting, although not every media event needs to promote all of those activities;

(V) Utilizing a variety of materials and media formats to disseminate the information in the expanded program in order to reach the maximum number of collection service customers and residential and commercial generators of solid waste; and

(VI) Development and implementation of a contamination reduction education plan that satisfies the requirements of OAR 340-090-0041.

(ii) Development and implementation of an "Expanded Education and Promotion Plan." The Plan must:

(I) Include actions to effectively reach solid waste generators and all new and existing collection service customers;

(II) Include such actions as necessary to fulfill the intent of this subsection;

(III) Include a timetable for implementation, and the local government must implement that timetable;

~~(IV) Include development and implementation of a contamination reduction education plan that satisfies the requirements of OAR 340-090-0041; and~~

~~(IV)~~ Be submitted to DEQ;

~~(V)-(a)~~ Bby February 28 of the first year that the Plan is to be in effect; or

~~(VI)-(b)~~ Within 30 days of the beginning of the local government's fiscal year in which the Plan is first put into effect.

(d) Establish and implement a recycling collection program through local ordinance, contract or any other means enforceable by the appropriate city or county for each multi-family dwelling complex having five or more units. The collection program must meet the following requirements:

(A) Collect ~~at least four principal~~ recyclable materials identified by OAR 340-090-0630(4)(b) ~~or the number of materials required to be collected under the residential on-route collection program, whichever is less;~~

(B) Provide educational and promotional information directed toward the residents of multi-family dwelling units periodically as necessary to be effective in reaching new residents and reminding existing residents of the opportunity to recycle including the types of materials to be recycled and the method for properly preparing those materials.

(e) Establish and implement an effective residential yard debris program to collect and compost residential yard debris. The program must include the following elements:

(A) Promotion of home composting of yard debris through written material or some other effective media form that is directed at the residential generator of yard debris; and either

(B) At least monthly on-route collection of yard debris from residences for production of compost or other marketable products; or

(C) A system of residential yard debris collection depots, for producing compost or other marketable products, located such that there is at least one conveniently located depot, open to the public at least once a week, for every 25,000 population.

(f) Taking into account material generation rates, establish and implement regular, on-site collection of source-separated ~~principal~~-recyclable materials designated by OAR 340-090-0630(4)(e) from commercial generators, taking into consideration how the generator could achieve 55 percent recovery from its solid waste stream by the year 2025. This program element does not apply to manufacturing, business or processing activities in residential dwellings or to the generation of industrial solid waste. At a minimum the commercial recycling program:

(A) Must be provided to commercial entities that employ 10 or more persons and occupy 1,000 square feet or more in a single location;

(B) Must include an education and promotion program that:

(i) Uses materials and messages specifically designed for commercial generators of solid waste; and

(ii) Informs all commercial generators of solid waste of the benefits of recycling, the recycling opportunities available to them and how to recycle; and

(iii) If the local government is providing the expanded education and promotion program element, includes any additional requirements needed to meet OAR 340-090-0040(3)(c); and

(iv) Includes information on the benefits of waste prevention to commercial generators.

(C) Must be conducted to effectively promote the commercial recycling program to commercial generators of solid waste;

(D) Must encourage each commercial generator of solid waste to strive to achieve 55 percent recovery from its solid waste stream by the year 2025;

(E) Should provide other elements including but not limited to:

(i) Provision of waste assessments to businesses;

(ii) Provision of recycling receptacles to businesses at no or low cost;

(iii) Waste prevention and recycling recognition programs. Local governments are encouraged to involve local business organizations in publicly recognizing outstanding waste prevention and recycling efforts by commercial generators of solid waste. The recognition may include awards designed to provide additional incentives to increase waste prevention and recycling efforts.

(g) Establish depots for recycling collection of all ~~principal recyclable materials listed in OAR 340-090-0070~~ materials listed identified in OAR 340-090-0630(4)(a), and where feasible, additional materials, except that used oil need not be collected at the depot if another location within the local government unit will accept used oil for recycling. This program must provide at least one (1) recycling depot in addition to the depot(s), if any,

required by OAR 340-090-0030(1). For any city with a population of 50,000 or more, the minimum number of additional depots must be equal to the city's population, divided by 25,000, and rounded down to the nearest whole number. The expanded depot program must include promotion or education that maximizes the use of the expanded depot program. The depots must operate as follows:

- (A) Have regular and convenient hours for residential generators of solid waste; and
 - (B) Be open on at least one weekend day each week; and
 - (C) Be established in location(s) that are convenient for residential generators of solid waste to use.
- (h) Establish collection rates for residential solid waste from single-family residences and single residential units, in complexes of less than five units that encourage waste prevention, reuse and recycling. The rates must, at a minimum, include the following elements:
- (A) At least one rate for a container that is 21 gallons or less in size and costs less than larger containers;
 - (B) Rates must be based on the average weight, as determined in paragraph (E) of this subsection, of solid waste disposed per container for various sizes of containers;
 - (C) Rates, as calculated on a per pound disposed basis, may not decrease per pound with the increasing size of the container or the number of containers;
 - (D) Rates per container service must be established such that each additional container beyond the first container for each residential unit must have a fee charged that is at least the same fee and no less than the first container; and
 - (E) Rates, calculated on a per pound disposed basis, the city or county develops through their own per pound average weights for various container sizes by sampling and calculating the average weights for a cross section of containers within their residential service area.
- (i) An on-going system to collect food waste and, optionally, other compostable waste, from commercial and institutional entities that generate large amounts of such wastes, and compost it at facilities in compliance with DEQ composting facility rules and local government regulations:
- (A) Before diverting edible (unwanted) foods to be composted, a local government should consider how to encourage making them available:
 - (i) Through food rescue;
 - (ii) Or if charity channels are not available, to farmers for animal feed.
 - (B) A commercial composting program must include the following elements:

(i) On-going promotion of the commercial compost program through written material or other effective formats directed to targeted commercial generators within the local government unit, such as grocery stores, restaurants, wholesale flower warehouses, hotels, businesses and institutions with food service;

(ii) To avoid problems relating to human health and the environment, periodic collection of food wastes and, optionally, other compostable wastes, is required from commercial generators on an appropriate schedule.

(C) Any composting facility to which collected compostable waste is taken must comply with DEQ composting facility rules;

(D) On-site commercial composting should be considered if the location is appropriate, space is available and the entity complies with DEQ composting facility rules and local government regulations.

(j) A commercial recycling program that requires commercial generators of solid waste that generate large amounts of recyclable materials to source-separate recyclable materials.

(A) For subsection (3)(j) of this rule, “large amount commercial generator” means a commercial generator of solid waste that has a service level of four or more cubic yards of solid waste per week at a single site.

(B) A local government must require participation in its commercial recycling program by all large amount commercial generators except for generators exempted under paragraph (3)(j)(F) of this rule.

(C) The local government’s commercial recycling program must include requirements for large amount commercial generators to:

(i) Source-separate recyclable materials for reuse or recycling;

(ii) Self-haul or arrange for collection service of the source separated recyclable materials;

(iii) Provide recycling containers for internal areas where recyclable materials may be collected, stored, or both; and

(iv) Correctly label all interior and exterior containers and post signs where recyclable materials may be collected, stored, or both that identify the materials that the large amount commercial generator must source-separate for reuse or recycling and that provide recycling instructions.

(D) The local government must provide education and promotion that meets at least the minimum requirements described in OAR 340-090-0030(83) for all large amount commercial generators.

(E) To ensure compliance with the requirements in this subsection, the local government must establish a method for identification and monitoring of large amount commercial generators.

(i) If a large amount commercial generator is not in compliance with the requirements of this subsection, then the local government must, at a minimum, notify that large amount commercial generators that it is out of compliance.

(ii) For a noncomplying large amount commercial generator, the local government may also consider a penalty or fine structure that incorporates warning notices, civil injunctions, financial penalties, or criminal prosecutions.

(F) The local government may allow for limited exemptions from the requirements of this subsection for reasons that the local government deems appropriate, such as zoning requirements, lack of sufficient space to provide additional recycling containers, or non-generation of recyclable materials.

(G) The local government may consider certification requirements for self-haulers of source-separated recyclable materials. Those certification requirements may include, but are not limited to, requiring large amount commercial generators to maintain written records demonstrating that all self-hauling activities have been completed in compliance with the requirements of this subsection (3)(j).

(k) A program for monthly or more frequent on-route collection and composting for food waste and, optionally, other compostable waste from residential collection service customers.

(A) The local government must provide education or promotion that meets at least the minimum requirements described in OAR 340-090-0030(38) for all residential collection service customers.

(B) In addition to the requirements of subsection (3)(k)(A) of this rule, the local government's education or promotion to all residential collection service customers must include:

(i) Types of food waste collected;

(ii) The schedule for collection;

(iii) Methods of preparing food waste for collection;

(iv) Explanations of why separating food waste for recovery is necessary; and

(v) Explanations of how to reduce contamination of the food waste recovery stream set out for collection.

(L) A recovery program for construction and demolition debris.

(A) As used in subsection (3)(~~E~~I) of this rule, “construction and demolition debris” means waste resulting from the construction, renovation, repair, or demolition of buildings or other structures that contain recyclable material. “Construction and demolition debris” does not include putrescible wastes, hazardous waste, or asbestos.

(B) The recovery program for construction and demolition debris must:

(i) Require that construction and demolition debris be source-separated at the site of generation or be sent to a material recovery facility for processing and recovery; and

(ii) Include an education or promotion program for developers, contractors, and residential owners that provides strategies:

(I) To reduce waste during preconstruction planning and in building construction, renovation and demolition phases; and

(II) To direct waste to reuse and material recovery facilities.

(C) Generators subject to this program include any person who:

(i) Generates and self-hauls a minimum of six cubic yards of construction and demolition debris at any time; or

(ii) Generates and arranges for collection service of a minimum of ten cubic yards of construction and demolition debris at any time.

(D) The local government must provide education or promotion that meets at least the minimum requirements described in OAR 340-090-0030(~~38~~) for all generators of construction and demolition debris that are subject to the recovery program for that debris.

(m) A food waste collection program requiring nonresidential generators that generate large amounts of food waste to source-separate the food waste for recovery.

(A) For subsection (3)(m) of this rule:

(i) “Nonresidential generator” means a commercial generator or other generator but not a residential or multi-family generator; and

(ii) “Large amount nonresidential generator” means a nonresidential generator that disposes of more than fifty tons of food waste annually.

(B) The local government must require participation in its food waste collection program by all large amount nonresidential generators except for generators exempted under paragraph (3)(m)(F) of this rule.

(C) The local government’s food waste collection program must include requirements for large amount nonresidential generators to:

(i) Cover, at a minimum, food waste that is not packaged and for which final disposal by the large amount nonresidential generator is controlled by the nonresidential generator's employees or agents;

(ii) Source-separate food waste for donation or food waste collection;

(iii) Self-haul or arrange for collection service of the food waste;

(iv) Provide containers for internal areas where food waste may be collected, stored, or both; and

(v) Correctly label all interior and exterior containers and post signs and instructions where food waste is collected, stored, or both, that identifies the types of food waste the large amount nonresidential generator must source-separate for donation or food waste collection.

(D) The local government must provide education or promotion that meets at least the minimum requirements described in OAR 340-090-0030(38) for all large amount nonresidential generators.

(E) To ensure compliance with the requirements in this subsection, the local government must establish a method for identification and monitoring of large amount nonresidential generators.

(i) If a large amount nonresidential generator is not in compliance with the requirements of this subsection, then the local government must, at a minimum, notify that large amount nonresidential generator that it is out of compliance.

(ii) For a noncomplying large amount nonresidential generator, a local government may also consider a penalty or fine structure that incorporates warning notices, civil injunctions, financial penalties, or criminal prosecutions.

(F) The local government may allow for limited exemptions from the requirements of this subsection for reasons that the local government deems appropriate, such as zoning requirements or lack of sufficient space to provide additional food waste containers.

(G) The local government may consider certification requirements for self-haulers of food waste. Those certification requirements may include, but are not limited to, requiring large amount nonresidential generators of food waste to maintain written records demonstrating that all self-hauling activities have been completed in compliance with the requirements of this subsection (3)(m).

(4) In addition to the requirements in sections (1) and (2) of this rule, each city with a population of 4,000 or more and any county responsible for the area within a metropolitan service district or the area between the city limits and the urban growth boundary of that city in any of the following wastesheds must provide the opportunity to recycle rigid plastic containers if the conditions set forth in section (5) of this rule are met:

(a) Clackamas, Multnomah and Washington Counties, in aggregate, as a single wasteshed;

- (b) Benton wasteshed;
- (c) Clatsop wasteshed;
- (d) Columbia wasteshed;
- (e) Deschutes wasteshed;
- (f) Douglas wasteshed;
- (g) Hood River wasteshed;
- (h) Jackson wasteshed;
- (i) Josephine wasteshed;
- (j) Lane wasteshed;
- (k) Linn wasteshed;
- (l) Marion wasteshed;
- (m) Polk wasteshed;
- (n) Wasco wasteshed; and
- (o) Yamhill wasteshed.

(5) The opportunity to recycle rigid plastic containers is required within a wasteshed when a stable market price for rigid plastic containers, that equals or exceeds 75 percent of the necessary and reasonable collection costs for those containers, exists for such wasteshed.

Statutory/Other Authority: ORS 459.045, 459A.025, 459A.100 - 459A.120 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.007, 459A.008, 459A.010 & 459A.665

History:

[DEQ 76-2018, minor correction filed 04/09/2018, effective 04/09/2018](#)

DEQ 3-2017, f. & cert. ef. 1-19-17

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DEQ 9-1996, f. & cert. ef. 7-10-96

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DEQ 31-1992, f. & cert. ef. 12-18-92 (and corrected 1-5-93)

340-090-0041

Contamination Reduction Education Plan

~~(1) As used in this rule, “contamination” means the presence of a material that the local government’s recycling program does not accept for recycling through the collection service or depot being used to collect recyclable material under ORS 459A.005.~~

~~(2) By January 1, 2018, each local government implementing an expanded education and promotion program under ORS 459A.008 and OAR 340-090-0040(3)(c) must have a program to determine levels of contamination of materials set out for collection and to take action to reduce contamination in collected recyclables.~~

~~(3) To implement the program, a local government must have a contamination reduction education plan approved by DEQ that describes how the local government will:~~

~~(a) Determine levels of contamination of materials set out for collection; and~~

~~(b) Take action to reduce contamination in collected recyclables, including recyclables collected at a depot.~~

~~(4) To satisfy section (3) (a) of this rule, the contamination reduction education plan must describe the following:~~

~~(a) Method of assessment;~~

~~(b) Frequency of assessment; and~~

~~(c) Points of assessment in the collection process, including those from either of the following categories:~~

~~(A) Customers’ and generators’ recycling containers; or~~

~~(B) Points of transfer or processing, such as transfer stations or material recovery facilities.~~

~~(5) To satisfy section (3) (b) of this rule, the contamination reduction education plan must include some activity each year to proactively educate persons in the local government unit. The contamination reduction education plan must also satisfy the following criteria:~~

~~(a) The plan must include descriptions of the education, including:~~

~~(A) The educational content being provided, including a list of materials that are priority contaminants and information on how to recycle or dispose of those contaminants properly;~~

~~(B) The format of that educational content;~~

~~(C) The audience to which the education is being presented or distributed; and~~

~~(D) The means of and schedule for distribution or implementation.~~

~~(b) The education must include activities in at least one of the following categories:~~

~~(A) Contact with collection service customers and other generators at the point of generation, such as through color-coded tags on recycling containers, door hangers, or invoices that include information on how to reduce contamination of materials set out for collection; or~~

~~(B) Community-wide messaging, such as through a campaign promoting behavior changes by customers or generators in the local government unit, that includes how to reduce contamination.~~

~~(6) Each local government must submit to DEQ its contamination reduction education plan during the first year the plan is in effect. The contamination reduction education plan must use either a format that DEQ provides or an alternative written format chosen by the local government. Thereafter, the local government must submit a copy of its plan to DEQ at the same time the local government submits its periodic report under OAR 340-090-0100.~~

~~Statutory/Other Authority: 459.045, ORS 459A.025 & 468.020~~

~~Statutes/Other Implemented: 459A.005, 459A.007, 459A.008, 459A.010 & 459A.050~~

~~History:~~

~~DEQ 3-2017, f. & cert. ef. 1-19-17~~

340-090-0042

Waste Prevention and Reuse Programs

(1) ~~Effective January 1, 2018, and as As~~ required by ORS 459A.007, certain local governments must implement the waste prevention education and reuse program element listed in section (2) in this rule and choose two or four additional elements from sections (3) through (8) of this rule, depending on the local governments' populations and locations. Each city that is within a metropolitan service district or with a population of greater than 50,000 and each county that is responsible for the area between city limits and the urban growth boundary of a city with a population of greater than 50,000 or the area outside of city limits but within a metropolitan service district urban growth boundary must implement either: the waste prevention and reuse program element in section (2) and at least four additional elements from sections (3) through (8) of this rule; or an alternative program that is designed to achieve similar benefits as this rule and complies with OAR 340-090-0080(7). Each city with a population of greater than 10,000 but no more than 50,000, that is within a county of greater than 100,000 population, and each county of greater than 100,000 population that is responsible for the area between city limits and the urban growth boundary of a city with a population of greater than 10,000 but no more than 50,000 must implement either: the waste prevention and reuse program element in section (2) and at least two additional elements from sections (3) through (8) of this rule; or an alternative program that is designed to achieve similar benefits as this rule and complies with OAR 340-090-0080(7). Waste prevention education and reuse program elements in this rule that are implemented by a county or metropolitan service district may be used by a city within the county or metropolitan service district to meet the requirements of this rule, provided that the elements are made available throughout the entire city, including the area between the city limits and the urban growth boundary of that city. Waste prevention and reuse program elements implemented by a metropolitan service district may be used by a county that

includes or is within the metropolitan service district to meet the requirements of this section, provided that the elements are made available throughout the entire urban growth boundary of the metropolitan service district.

(2) Citywide or countywide education and promotion. A citywide or countywide education and promotion program about the environmental benefits of, and opportunities to reduce the generation of waste through, waste prevention and reuse.

(a) The education and promotion program must include the following components:

(A) Information for existing residential and commercial collection service customers that:

(i) Is designed to reach solid waste generators and is provided at least four times per calendar year through: written notice, an effective alternative, or some combination of both;

(ii) Describes the benefits of generating less waste in terms of the reduction in a material's environmental impact as part of its life cycle, including upstream impacts, such as resource extraction and manufacturing; and

(iii) Addresses how to generate less waste, how to reuse materials, and solutions to common challenges to waste prevention and reuse.

(B) An activity targeting at least one community or one media event each year that promotes waste prevention and reuse, such as a waste prevention booth at a county fair or a community cleanup event that includes a sale or giveaway component to encourage reuse of discarded articles. This activity or event must be in addition to any campaigns used to comply with sections (3) or (4) of this rule. An activity or event may promote waste prevention activities, reuse activities, or some combination of both.

(b) To reach the maximum number of residential and commercial solid waste generators, the education and promotion program must utilize a variety of materials and media formats to disseminate information.

(c) Each local government must submit to DEQ a program plan during the first year the plan is in effect. The plan must use either a format that DEQ provides or an alternative written format chosen by the local government. Thereafter, the local government must submit a summary of activities in the plan to DEQ at the same time the local government submits its periodic report under OAR 340-090-0100. The plan must describe how it will implement the elements in subsections (2)(a) and (3)(b) of this rule, including:

(A) A description of the information to be provided, including messages to be conveyed, program material format and general content, and schedules for distribution;

(B) A description of how the information meets the needs of various types of residential generators, such as multi-family or rural residents, and various types of commercial and institutional generators;

(C) A description of how information will be provided, such as through events, volunteer activities, community meetings and presentations, or door-to door outreach; and

(D) A description of who will provide the information, such as local government staff, collectors, depot operators, disposal site operators, and non-governmental organizations.

(3) Waste prevention campaign targeting residential generators. A waste prevention campaign targeting residential generators of waste and focused on one or more toxic or energy intensive materials or consumer purchasing practices. As used in this section, “consumer purchasing practices” means the act of purchasing a toxic or energy intensive material, a product containing toxic materials, or a product consisting at least 50 percent by weight of energy intensive materials. A food rescue program is not a waste prevention campaign for the purpose of complying with this section. The campaign must meet the following criteria:

(a) For either a campaign that DEQ provides or an alternative campaign that the local government chooses and DEQ approves, each local government must develop, submit to DEQ, and implement a campaign plan that:

(A) Identifies at least one specific waste generating behavior or practice targeted for change;

(B) Describes the campaign’s strategy;

(C) Describes the campaign materials’ general content, format, and delivery methods;

(D) Provides an implementation schedule; and

(E) Describes a performance measurement plan that specifies one or more outcomes that the local government will use to demonstrate its campaign reached the target audience or achieved its waste prevention objective.

(b) Campaign materials must include multiple components that may be used sequentially or on a rotational basis to meet the required refreshing schedule in subsection (3)(c) of this rule. Such components may include materials using:

(A) Different visual images to convey core messaging;

(B) Variations on core messaging language; or

(C) A variety of media, such as print, websites, social media, or radio.

(c) The duration of a campaign may not exceed five years, and the local government’s implementation schedule must include a schedule for refreshing components of the campaign at least once every two years. To “refresh” components of a campaign means to use new or different components to deliver messages in a different way. A local government may also request, and DEQ may approve, a campaign duration or implementation schedule that differs from this subsection’s schedule for refreshing components provided that the local government can demonstrate:

(A) That the campaign or one of its components has contributed to the desired behavior change; and

(B) That continuing the campaign or one of its components is likely to result in further desired changes in behavior or practices.

(d) Educational materials used in this campaign must be in addition to educational materials used to satisfy the requirements of section (2) of this rule.

(4) Waste prevention campaign targeting commercial generators. A waste prevention campaign targeting commercial or institutional generators of waste and focused on one or more toxic or energy intensive materials or consumer purchasing practices. As used in this section, “consumer purchasing practices” means the act of purchasing a toxic or energy intensive material, a product containing toxic materials, or a product consisting at least 50 percent by weight of energy intensive materials. A targeted business assistance program qualify as a campaign if that program includes components that promote changes in waste generating behavior or practices consistent with the requirements of this section and targets businesses with applicable waste generating behaviors or practices. A food rescue program is not a waste prevention campaign for the purpose of complying with this section. The campaign must meet the following criteria:

(a) For either a campaign DEQ provides or an alternative campaign the local government chooses and DEQ approves, each local government must develop, submit to DEQ, and implement a campaign plan that:

(A) Identifies at least one specific waste generating behavior or practice targeted for change;

(B) Describes the campaign’s strategy;

(C) Describes the campaign materials’ general content, format and delivery methods;

(D) Provides an implementation schedule; and

(E) Describes a performance measurement plan that specifies one or more outcomes that the local government will use to demonstrate its campaign reached the target audience or achieved its waste prevention objective.

(b) Campaign materials must include multiple components that may be used sequentially or on a rotational basis to meet the required refreshing schedule in subsection (5)(c) of this rule. Such components may include materials using:

(A) Different visual images to convey core messaging;

(B) Variations on core messaging language; or

(C) A variety of media, such as print, websites, social media, or radio.

(c) The duration of a campaign may not exceed five years, and the local government's implementation schedule must include a schedule for refreshing components of the campaign at least once every two years. To "refresh" components of a campaign means to use new or different components to deliver messages in a different way. A local government may also request, and DEQ may approve, a campaign duration or implementation schedule that differs from this subsection's schedule for refreshing components provided that the local government can demonstrate:

(A) That the campaign or one of its components has contributed to the desired behavior change; and

(B) That continuing the campaign or one of its components is likely to result in further desired changes in behavior or practices.

(d) Educational materials used in this campaign must be in addition to educational materials used to satisfy the requirements of section (2) of this rule.

(5) Education program in schools. A waste prevention and reuse education program in elementary and secondary schools must satisfy the following criteria:

(a) Each local government must develop, submit to DEQ, and implement a plan to deliver elementary and secondary school education and promotion programs, that:

(A) Identifies groups or classes of students;

(B) Describes how the program will engage the ~~targeted~~ students;

(C) Identifies at least one specific waste generating behavior or practice targeted for change and barriers to that change;

(D) Provides an implementation schedule; and

(E) Describes a performance measurement plan that specifies one or more outcomes that the local government will use to demonstrate its education program reached the ~~targeted~~ students or achieved its waste prevention and reuse objectives.

(b) The education program must address students in both elementary and secondary schools and may include activities such as:

(A) Classroom presentations;

(B) School assemblies;

(C) Classroom curricular activities, such as service learning projects;

(D) After school programs;

(E) Field trips with a substantial focus on reducing waste generation, such as tours of tool libraries or food rescue facilities; or

(F) Student education implemented as part of in-school waste prevention and reuse programs, such as school cafeteria projects to measure and reduce food waste.

(c) If the program is a general waste prevention and reuse education and outreach program designed primarily to deliver information and increase knowledge about actions that support waste prevention and reuse, then the program must provide education to at least 5 percent of all elementary and secondary students attending public school within the area served by the local government in each calendar year for which this element is used to comply with waste prevention and reuse program requirements, or 10 percent of all students where a program is being implemented over two consecutive years. A local government may use total enrollment numbers reported to the Oregon Department of Education to determine the number of ~~targeted~~ students its program must reach or may propose, with justification, to DEQ an alternative total enrollment number. A local government may, at its discretion, provide education to private school students or to students attending school while in a correctional facility to meet required targets. A city or county may comply with this element through compliance by its county or metropolitan service district provided that:

(A) The education by the county or metropolitan service district is made available to all schools within the area served by the local government using this element to comply with waste prevention and reuse requirements; and

(B) The county or metropolitan service district is providing the education to at least this element's percentage threshold of elementary and secondary students in each calendar year for which this element is used to comply.

(d) A local government may propose a metric, besides the percentage in subsection (5)(c) of this rule, for approval by DEQ that allows for more in-depth programs designed to engage a smaller number of students. The proposal must explain how targeting a smaller number of students supports longer-term engagement in elementary and secondary education on waste prevention and reuse.

(e) Local governments may not use education programs used to demonstrate compliance with the requirements of OAR 340-090-0042(5) to demonstrate compliance with any other waste prevention and reuse program element in this rule.

(6) Funding or infrastructure support program. A program either for the provision of city, county, or watershed funding or for the provision of city, county, or watershed infrastructure support to promote and sustain reuse, repair, leasing or sharing efforts. The program must meet the following criteria:

(a) A local government must identify the specific forms of funding or infrastructure support the local government will provide to support reuse, repair, leasing or sharing activities and describe how the funding or infrastructure support contributes to sustaining and, where possible, expanding reuse, repair, leasing or sharing efforts within the local government unit.

(b) Support must be provided annually unless a local government provides funding or monetized infrastructure support in an amount larger than that required under subsection (6)(c) of this rule and the amount of that funding or monetized support-, when amortized

over multiple years, is at least equivalent to the annual support the local government would otherwise provide.

(c) If a city, county, or watershed chooses to use direct funding to comply with the requirements of this section, annual funding must be no less than \$0.17 per local government unit resident for jurisdictions with populations up to 100,000 in population and \$17,000 plus \$0.10 per local government unit resident above 100,000 in population for jurisdictions with populations above 100,000, adjusted annually for inflation from a base year of 2016 using the West Region Consumer Price Index for All Urban Consumers for All Items, as published by the Bureau of Labor Statistics of the United States Department of Labor.

(d) If a city, county, or watershed chooses to provide infrastructure support to comply with the requirements of this section, that support must result in a reuse, repair, lease or sharing opportunity that is provided continuously or on at least 1 day per year for every 50,000 in the local government unit's population or monetized at a value equal to the funding required in subsection (6)(c) of this rule.

(e) Funding may include: grants; payments on behalf of organizations for equipment; funding to cover the costs of outreach efforts, such as website development, development of social media venues and media buys; or funding to allow reuse, repair, or sharing organizations to pay staff or contractors for program development, implementation, or both. However, funding of outreach efforts does not qualify as satisfying this element if that outreach is also used to satisfy the technical assistance requirements of section (7) of this rule.

(f) A city or county may comply with this element through compliance by its county or metropolitan service district provided that the infrastructure supported by the county or metropolitan service district is accessible and convenient to residents and businesses of the city or county.

(7) Technical assistance program. A program for the provision of city or watershed technical assistance to promote and sustain the reuse, repair or leasing of materials or other sharing of efforts to reduce waste. The program must meet the following criteria:

(a) A local government must identify the specific forms of technical assistance the local government will provide to support reuse, repair, leasing or sharing activities and must describe how the technical assistance contributes to sustaining and, where possible, expanding reuse, repair, leasing or sharing efforts within the local government unit.

(b) A local government may satisfy the requirements of this element through a partnership with another governmental agency, a local non-governmental organization or private enterprise provided that this partnership is documented in a written agreement, such as a memorandum of understanding, an intergovernmental agreement, a franchise agreement or other contract vehicle, and:

(A) The agreement specifies the local government's contribution to the partnership. The local government's contribution must be more than nominal support. Examples of sufficient

contributions include supporting ordinances or waived fees, including license fees, commitments to support volunteer recruitment, requirements that a partner implements a program on behalf of a local government, promotion that supports implementation of the partner organization's project, facilitating community meetings or workshops to support information exchange or project development, participation of local government staff on organizational boards, and providing communications channels through local government websites or other media; and

(B) The agreement specifies annual reporting of outcomes, such as increased borrowing at a tool library, pounds of building materials or household goods salvaged from solid waste disposal, or number and types of materials exchanged through a commercial or residential exchange website or distribution center that can be linked to the partnership and demonstrate year-to-year progress in reuse, repair or otherwise reducing waste.

(c) Technical assistance in the form of promotion, outreach or education used to comply with the requirements of OAR 340-090-0042(7) cannot also be used to demonstrate compliance with any other waste prevention and reuse program element.

(8) Food rescue program support. Support by a local government for a food rescue program. The local government's support must meet the following criteria:

(a) The local government must identify and describe specific support for a food rescue program within the local government unit.

(b) A local government's support must include at least two of the following components:

(A) A review of local health ordinances or other local government regulations that may create regulatory barriers to food rescue, identifying regulatory barriers to food rescue, and implementing solutions needed to facilitate food rescue. Such solutions could include, but are not limited to, recommending revisions to regulations or seeking authorization from a local health agency to take an action necessary to facilitate food rescue. Local ordinance review would be sufficient to constitute support for one component for two years.

(B) Funding, which may include: grants or payments on behalf of organizations for equipment, vehicles or building space; and stipends or other payments for gleaners and other food rescue workers. The annual amount of such funding must be no less than \$0.17 per local government unit resident for jurisdictions with populations up to 100,000 in population and \$17,000 plus \$0.10 per local government unit resident above 100,000 in population for jurisdictions with populations above 100,000, adjusted annually for inflation from a base year of 2016 using the West Region Consumer Price Index for All Urban Consumers for All Items, as published by the Bureau of Labor Statistics of the United States Department of Labor.

(C) Infrastructure support that may include: providing space for rescued food storage; loan of vehicles for food transport; and development and implementation of donor matching programs or farm to food bank programs. Infrastructure support must result in a food rescue opportunity that is provided continuously or on at least one day per year for every 50,000

residents in the local government unit or monetized at a value equal to the funding required in paragraph (8)(b)(B) of this rule.

(D) Technical assistance that may include: convening meetings to assist in developing a food rescue program; a local government website page to inform and promote food rescue opportunities; providing other program education and promotional support; developing success stories for use in promotional materials; and supporting measurement programs to help develop programs and demonstrate the efficacy of food rescue.

(c) A local government may satisfy the technical assistance requirements of this element through a partnership with another governmental agency, a local non-governmental organization or private enterprise provided that this partnership is documented in a written agreement, such as a memorandum of understanding, an intergovernmental agreement, a franchise agreement or other contract vehicle, and:

(A) The agreement specifies the local government's contribution to the partnership. The local government's contribution must be more than nominal support. Examples of sufficient contributions include supporting ordinances or waived fees, including license fees, commitments to support volunteer recruitment, requirements that a partner implements a program on behalf of a local government, promotion that supports implementation of the partner organization's project, facilitating community meetings or workshops to support information exchange or project development, participation of local government staff on organizational boards, and providing communications channels through local government websites or other media; and

(B) The agreement specifies annual reporting of outcomes, such as increased food diverted to food assistance programs, that can be linked to the partnership and demonstrate year-to-year progress in food rescue.

(d) Support must be provided annually unless a local government provides funding or monetized infrastructure support in an amount larger than that required under subsection (8)(b) of this rule and the amount of that funding or monetized support, when amortized over multiple years, is at least equivalent to the annual support that the local government would otherwise provide.

(e) A city or county may comply with this section (8) through compliance by its county or metropolitan service district provided that the county- or metropolitan service district-supported food rescue program either collects from sources of food in the city or county or redistributes food to residents of the city or county.

Statutory/Other Authority: 459.045, 459A.025 & 468.020.

Statutes/Other Implemented: 459A.007, 459A.010 & 459A.050

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

340-090-0070

Principal Recyclable Material

~~(1) The following are identified as the principal recyclable materials in the wastesheds as described in sections (4) through (12) of this rule:~~

- ~~(a) Newspaper;~~
- ~~(b) Ferrous scrap metal;~~
- ~~(c) Non-ferrous scrap metal;~~
- ~~(d) Used motor oil;~~
- ~~(e) Corrugated cardboard and kraft paper;~~
- ~~(f) Aluminum;~~
- ~~(g) Container glass;~~
- ~~(h) Hi-grade office paper;~~
- ~~(i) Tin cans;~~
- ~~(j) Yard debris.~~

~~(2) In addition to the principal recyclable materials listed in section (1) of this rule, other materials may be recyclable material at specific locations where the opportunity to recycle is required.~~

~~(3) The statutory definition of "recyclable material" (ORS 459.005(31)) determines whether a material is a recyclable material at a specific location where the opportunity to recycle is required.~~

~~(4) In the following wasteshed, Clackamas, Washington and Multnomah counties in aggregate the principal recyclable materials are those listed in subsections (1)(a) through (j) of this rule.~~

~~(5) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(a) through (i) of this rule:~~

- ~~(a) Benton wasteshed;~~
- ~~(b) Clatsop wasteshed;~~
- ~~(c) Hood River wasteshed;~~
- ~~(d) Lane wasteshed;~~
- ~~(e) Lincoln wasteshed;~~
- ~~(f) Linn wasteshed;~~

~~(g) Marion wasteshed;~~

~~(h) Polk wasteshed;~~

~~(i) Umatilla wasteshed;~~

~~(j) Union wasteshed;~~

~~(k) Wasco wasteshed;~~

~~(l) Yamhill wasteshed.~~

~~(6) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(a) through (g) of this rule:~~

~~(a) Baker wasteshed;~~

~~(b) Crook wasteshed;~~

~~(c) Jefferson wasteshed;~~

~~(d) Klamath wasteshed;~~

~~(e) Tillamook wasteshed.~~

~~(7) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(a) through (h) of this rule:~~

~~(a) Coos wasteshed;~~

~~(b) Deschutes wasteshed;~~

~~(c) Douglas wasteshed;~~

~~(d) Jackson wasteshed;~~

~~(e) Josephine wasteshed.~~

~~(8) In the following wasteshed, the principal recyclable materials are those listed in subsections (1)(a) through (f) of this rule: Malheur wasteshed.~~

~~(9) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(a) through (g) and (i) of this rule:~~

~~(a) Columbia wasteshed;~~

~~(b) Milton-Freewater wasteshed.~~

~~(10) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(a) through (e) of this rule:~~

~~(a) Curry wasteshed;~~

~~(b) Grant wasteshed;~~

~~(c) Harney wasteshed;~~

~~(d) Lake wasteshed.~~

~~(11) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(a) through (d) of this rule:~~

~~(a) Morrow wasteshed;~~

~~(b) Sherman wasteshed;~~

~~(c) Wallowa wasteshed.~~

~~(12) In the following wastesheds, the principal recyclable materials are those listed in subsections (1)(b) through (d) of this rule:~~

~~(a) Gilliam wasteshed;~~

~~(b) Wheeler wasteshed.~~

~~(13)(a) The opportunity to recycle must be provided for each of the principal recyclable materials listed in sections (4) through (12) of this rule and for other materials which meet the statutory definition of recyclable material at specific locations where the opportunity to recycle is required;~~

~~(b) The opportunity to recycle is not required for any material that a recycling report, as required in OAR 340-090-0100, and approved by the DEQ demonstrates does not meet the definition of recyclable material for the specific location where the opportunity to recycle is required.~~

~~(14) Each city, county or metropolitan service district in a wasteshed where yard debris is a principal recyclable material must individually, or jointly through intergovernmental agreement, implement a program that at a minimum meets the requirements of OAR 340-090-0030 when the option under OAR 340-090-0040(3)(c) is not chosen or request approval of an alternative program for providing the opportunity to recycle under OAR 340-090-0080.~~

~~(15) Any affected person may ask the EQC to modify the list of principal recyclable material identified by the EQC or may request a variance under ORS 459A.055.~~

~~(16) DEQ will review the principal recyclable material lists as needed, and will submit any proposed changes to the EQC.~~

~~Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020~~

~~Statutes/Other Implemented: ORS 459A.010 & 459A.025~~

History:

~~DEQ 3-2017, f. & cert. ef. 1-19-17~~

~~DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0030~~

~~DEQ 27-1988, f. & cert. ef. 9-16-88~~

~~DEQ 5-1988, f. & cert. ef. 2-2-88~~

~~DEQ 7-1987, f. & cert. ef. 3-18-87~~

~~DEQ 1-1986, f. & cert. ef. 2-12-86~~

~~DEQ 26-1984, f. & cert. ef. 12-26-84~~

340-090-0080

Alternative Methods for Providing the Opportunity to Recycle

This rule describes the necessary procedures and requirements that a city, county, metropolitan service district, or disposal site permittee on behalf of an out-of-state person must follow in order to request approval of an alternative program for meeting the requirements of OAR 340-090-0030, 340-090-0040, and 340-090-0042.

(1) The city, county or metropolitan service district responsible for solid waste management may apply for and request approval by DEQ of an alternative program for providing the opportunity to recycle. Each request must be made in writing to DEQ on a form DEQ provides. The request for an alternative program must be complete, signed by the appropriate authority for the city, county, metropolitan service district or disposal site permittee for an out-of-state request and address all of the requirements in section (3) of this rule and sections (5) and (6) of this rule if applicable.

(2) DEQ will review applications as they are received. DEQ will approve, approve with conditions, or reject each proposed alternative program based on consideration of the criteria described in section (3) of this rule.

(3) Each application for approval of an alternative program for providing the opportunity to recycle must include detailed written information and data on the following:

(a) A description of the alternative program being proposed and how it is different from the standard method that would be required to be implemented under the opportunity to recycle requirements;

(b) The conditions and factors that make the alternative program necessary;

(c) How the alternative program is convenient to the commercial and residential generators of solid waste using or receiving the service;

(d) How the alternative program is as effective in recovering recyclable materials from solid waste as the requirements in OAR 340-090-0020, 340-090-0030, 340-090-0040, and 340-090-0050 for providing the opportunity to recycle.

(e) How the alternative program would achieve at least the lesser of:

(A) The local government unit's wasteshed recovery rate goal specified in OAR 340-090-0050; or

(B) Recovery levels comparable to similar communities. For the purposes of this rule, "similar community" means another local government unit that is similar, for the purpose of DEQ's evaluation of the local government's alternative program, based on:

(i) Population or population density;

(ii) Relevant demographics;

(iii) Distance to a market for material collected for recycling;

(iv) Costs of collection and disposal; and

(v) Other criteria DEQ approves.

(4) Anytime a city, county, metropolitan service district, or disposal site permittee on behalf of an out-of-state person desires to make changes to the approved alternative program, they must submit an amended application for DEQ's approval following the same requirements in sections (3), (5) and (6) of this rule.

(5) In addition to any other standards or conditions, an alternative program for providing the opportunity to recycle yard debris [in the Metro wasteshed](#), ~~where yard debris is a principal recyclable material as designated in OAR 340-090-0700~~, must meet the following minimum standards:

(a) The alternative program is available to substantially all yard debris generators in the local jurisdiction;

(b) The alternative program can be demonstrated to result in the recycling of yard debris from the solid waste stream;

(c) There is a promotion campaign that is designed to inform all potential users about the availability and use of the method;

(d) The city, county or metropolitan service district must individually or jointly, through intergovernmental agreement, choose from the following yard debris recycling program options as an alternative program:

(A) Provide monthly or more often on-route collection of yard debris during the months of April through October with drop-off depots for non-collection service customers available at least monthly;

(B) Provide biweekly or more often yard debris collection depots within one mile of yard debris generators, or such that there is at least one conveniently located depot for every 25,000 population; or

(C) Provide monthly or more often yard debris collection, supplemented by a weekly or more often yard debris depot during the months of April through October, both within one mile of the yard debris generators, or such that there is at least one conveniently located depot for every 25,000 population.

(e) If the alternative program is proposed by a metropolitan service district the alternative program request must include written commitments from the local governments covered by the program to implement the program or a demonstration of the metropolitan service district's authority to implement the program.

(6) In addition to the requirements in section (3) of this rule, when a disposal site permittee is requesting approval of an alternative program for an out-of-state person the following criteria must be met:

(a) For the purposes of satisfying the requirement in subsection (3)(b) of this rule for a local government unit the alternative program must designate a watershed having a common solid waste disposal system or an appropriate area within which to carry out a common recycling program and select and provide justification for an appropriate recovery rate based on similar watershed characteristics in Oregon including population density, and distance to recycling markets;

(b) For persons other than local government units the request for alternative program approval must provide information explaining how the alternative program provides the opportunity for the person to reduce the amount of waste that would be disposed and a description of how the alternative program is implemented.

(7) Instead of a local government implementing a waste prevention and reuse program under OAR 340-090-0042, a local government may apply for DEQ's approval of an alternative waste prevention and reuse program. To apply, a local government must follow these procedures:

(a) Each application for an alternative waste prevention and reuse must be made in writing on a form that DEQ provides. The application must be complete, signed by the local government, and address all of the requirements in section (3) of this rule.

(b) DEQ will review applications as they are received. For each application, using the information in subsection (c) of this rule, DEQ must, for the proposed alternative waste prevention and reuse program:

(A) Approve the proposed program;

(B) Approve the proposed program with conditions; or

(C) Reject the proposed program.

(c) Each application must include the following detailed information:

(A) A description of the proposed alternative waste prevention and reuse program;

(B) Explanations of how the proposed alternative waste prevention and reuse program would be different than and designed to achieve similar benefits as the waste prevention and reuse program that would otherwise be required under rule;

(C) A written plan describing how the proposed alternative waste prevention and reuse program would provide citywide or countywide education and promotion about the environmental benefits of, and opportunities to reduce the generation of waste through, waste prevention and reuse in the local government unit;

(D) An explanation of the conditions and factors that make the proposed alternative waste prevention and reuse program preferable; and

(E) A description of waste generating behaviors targeted for change for residential and commercial generators of solid waste in the local government unit and how that change would be measured.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.010, 459A.025 & 459A.055

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0035 & 340-060-0125

DEQ 27-1988, f. & cert. ef. 9-16-88

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0090

Collection of Recyclable Materials

(1) DEQ may not require any city, county, or metropolitan service district, or agent thereof, to collect or receive source separated recyclable material which has not been correctly prepared to reasonable specifications which relate to marketing, transportation, storage, or regulatory agency requirements. The specifications for material preparation must have been publicized by the appropriate city, county or metropolitan service district as part of the education and promotion program requirements in OAR 340-090-0020, 340-090-0030, and 340-090-0040.

(2) In addition to the provisions set forth in ORS 459A.080, no person shall dispose of source-separated recyclable material which has been collected or received from the generator by any method other than reuse or recycling except as follows~~for~~:

(a) ~~Used~~ Used oil and wood waste ~~which~~ may be collected and burned for energy recovery.;

(b) For covered products pursuant to ORS 459A.863(6), a ~~the~~ method other than reuse or recycling may be used if proposed by a producer responsibility organization in a program plan, and that program plan is approved by DEQ. The proposal must include an assessment of environmental impacts and demonstration of consistency with the policy objectives contained in ORS 459.015(2)(a).

(c) For any recyclable materials not included in subsections (a) or (b), a method other than reuse or recycling may be used if an assessment of the environmental impacts of the method demonstrates to DEQ's satisfaction that the method provides better environmental outcomes and is consistent with the policy objectives contained in ORS 459.015(2)(a).

(3) Commercial and residential recyclable materials that are source-separated for collection on-route or on-site but that are not correctly prepared according to reasonable specifications as set forth by the city, county or metropolitan service district under section (1) of this rule may not be required to be collected and may be left with the generator of the source-separated material or may be collected and prepared for recycling by the collector, but may not be disposed of by the collector. The generator of the material must be provided with written information that explains correct material preparation for the purposes of educating the generator.

(4) Unauthorized materials that are deposited by the generator at a recycling depot are exempt from the prohibition in sections (1), (2), and (3) of this rule and must be managed in the appropriate manner otherwise required by law.

(5) Collected recyclable material later found to be contaminated with hazardous substances are exempt from the prohibition in sections (1), (2), and (3) of this rule and must be managed in an appropriate manner otherwise required by law.

Statutory/Other Authority: ORS 459A.025, 459.045, 459A.005 - 459A.085 & 468.020

Statutes/Other Implemented: ORS 459A.080

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0075 & 340-060-0080

DEQ 9-1991, f. & cert. ef. 6-20-91

DEQ 1-1989, f. & cert. ef. 1-27-89

DEQ 27-1988, f. & cert. ef. 9-16-88

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0110

Minimum Content Reporting Requirements

The following information must be reported to DEQ by February 28 of each year for the previous calendar year by the applicable person on a form DEQ provides:

- (1) Each consumer of newsprint in Oregon must report the following information:
 - (a) Amount of newsprint used in a calendar year in short tons or metric tons;
 - (b) Amount of recycled-content newsprint, comprised of post-consumer waste paper, used in a calendar year in short tons or metric tons;
 - (c) Aggregate recycled content of the newsprint used in a calendar year expressed as a percent of the total newsprint used in a calendar year in short tons;

(d) If a consumer cannot obtain the required amount of recycled content newsprint for the reasons listed in ORS 459A.505, the report must include an appropriate explanation;

(e) For purposes of this section only "post-consumer waste" means a material that would normally be disposed of as a solid waste, having completed its life cycle as a consumer or manufacturing item.

(2) Publishers of directories distributed in Oregon must provide the following information on a form DEQ provides. For purposes of this rule, directories means telephone directories that weigh one pound or more for a local jurisdiction:

(a) Total weight in tons of directories distributed in Oregon;

(b) Percent by weight of recycled content in the total directories distributed in Oregon;

(c) Percent of total weight that consists of post-consumer waste;

(d) If a publisher cannot meet the requirements in ORS 459A.520, the publisher must provide an explanation;

(e) Description of the locations and cooperative programs implemented with local government for the collection and recycling of old directories when new ones are distributed, including the total weight of old directories collected for recycling in each local government jurisdiction.

(3) Each manufacturer of glass food, drink and beverage containers made in Oregon, or made outside Oregon and sold to packagers located in Oregon, must report the following information:

(a) Total tons of new glass food, drink and beverage containers made in Oregon, or made outside Oregon and sold to packagers located in Oregon, in a calendar year;

(b) The total tons of post-consumer recycled glass used in manufacturing the containers made in Oregon, or made outside Oregon and sold to packagers located in Oregon, in a calendar year;

(c) Post-consumer recycled glass generated in Oregon and used in "secondary end uses" must be credited towards the 50 percent minimum percentage requirement. As used in this section, "post-consumer recycled glass" does not include window glass and other glass not related to glass container manufacturing. This "credit" must be determined annually as follows:

(A) DEQ must determine the tonnage of post-consumer recycled glass generated in Oregon and used in "secondary end uses" based on reports received under OAR 340-090-0100;

(B) DEQ must then determine the percentage of post-consumer glass generated in Oregon that was used for secondary end uses that year. DEQ must use a composition study of solid

waste disposed of in Oregon as the basis for estimating the amount of solid waste which is post-consumer recycled glass;

(C) The 50 percent minimum glass recycled content requirement each glass manufacturer must meet must be reduced by the number of percentage points determined in paragraph (3)(c)(B) of this rule for the subject year.

(d) A glass manufacturer must identify to DEQ all secondary end users of post-consumer recycled glass generated in Oregon of which it is aware. "Secondary end uses" must include:

(A) Use on road surfaces as "glasphalt;"

(B) Fiberglass;

(C) Abrasives;

(D) Glass foam;

(E) Glass beads for reflective paint;

(F) Construction uses, meeting engineering specifications;

(G) Road-base aggregate, meeting engineering specifications;

(H) Other uses as approved by DEQ.

(e) Upon request from a glass container manufacturer, DEQ may not enforce the requirement that a minimum percentage of recycled glass be used in the manufacturing of glass containers if DEQ determines that a glass container manufacturer cannot meet the minimum percentage requirements because of a lack of available glass cullet ~~within Oregon wastesheds where container glass is a principal recyclable material~~ [from Oregon recycling collection programs, including producer responsibility organizations, required to collect container glass by OAR 340-090-0630 to collect container glass](#), and that meets reasonable specifications the manufacturer establishes. However, lack of availability of appropriate cullet to fully comply with the glass recycled content requirement may not exempt a glass container manufacturer from the requirement to achieve as high a minimum recycled content as possible using available appropriate cullet. A request for non-enforcement from a glass container manufacturer must include sufficient detail for DEQ to be able to reasonably make a determination as to the availability of appropriate cullet, and must:

(A) Be made to DEQ in writing by February 28 of a year to apply to use of cullet in the previous calendar year;

(B) Include a copy of the manufacturer's specifications and an explanation of how the manufacturer determined that sufficient glass cullet meeting the specifications was not available. If a manufacturer's specifications are more restrictive than accepted national specifications, the manufacturer must demonstrate to DEQ why such restrictions are necessary;

(C) Include the tonnage of the shortfall of available cullet.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.515, 459A.520 & 459A550

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 31-1992, f. & cert. ef. 12-18-92 (and corrected 1-5-93)

340-090-0140

Recyclable Material Economic Test

This rule describes the factors that DEQ must consider in determining if a material [can be collected and sold for recycling at a net cost equal to or less than the cost of collection and disposal of the same material](#). ~~meets the definition of recyclable material. In determining what materials are recyclable materials.~~

(1) DEQ must calculate the cost of collection and sale of a recyclable material by considering the collector's costs from the time the material is source-separated and leaves the use of the generator until it is first sold or transferred to the person who recycles it. DEQ must consider all costs and savings associated with collection of a recyclable material in the calculation.

(2) DEQ must consider any measurable savings to the collector resulting from making a material available for recycling as opposed to disposal the same as income from sale.

(3) DEQ must calculate the cost of collection and disposal of material as solid waste by using the total costs of collection and disposal. Costs must include fees charged, taxes levies or subsidy to collect and to dispose of solid waste. Costs must also include, but are not limited, to the costs to comply with applicable statutes, rules permit conditions and insurance requirements.

(4) DEQ may use the amount and value of any source-separated material that is collected or received as part of a recycling requirement of a permit or a city or county franchise determining whether remaining material meets the definition of recyclable material.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.010

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0055

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0190

Yard Debris Recycling Charges

(1) The EQC's purpose in adopting this rule governing when a fee may be charged for yard debris recycling services is to:

(a) Ensure that a financial disincentive for recycling is not created for any waste generator;

(b) Increase recovery of yard debris and stimulate participation in yard debris recycling programs;

(c) Acknowledge the rate considerations due to the extreme variability of volumes generated;

(d) Ensure that service provided to multi-family generators residing in dwellings of four or fewer units is equivalent to service provided to single family residences.

(2) The purpose as stated in section (1) of this rule is to apply to those recycling programs required under ORS 459A.005, 459A.010 and 459.250.

(3) As used in this rule, "residential generator" means any generator of recyclable material located in single or multi-family dwellings up to and including four units.

(4) As used in this rule, a "unit of yard debris" is the equivalent of a 32-gallon can, a similar sized bag, or the standard unit of yard debris service provided, whichever is greater.

(5) Residential generators of yard debris participating in a regularly scheduled yard debris collection service in the Metro wasteshed ~~where yard debris is a principal recyclable material~~, may be charged a fee for yard debris recycling service. The cost of collection of at least the equivalent of one unit of yard debris per month must be incorporated into the base fee charged for solid waste and recycling collection and disposal. An additional fee may be charged for yard debris service which exceeds the equivalent of collection of one unit of yard debris per month. Where multi-family complexes are treated as a single customer, the local government providing the yard debris service must assure that yard debris service is provided at a level equivalent to service provided single-family dwellings. Local governments must make this determination and any related adjustment in service, no later than their next rate review process. In addition to the base fee charged for solid waste and recycling collection and disposal, which must include the first unit of yard debris, local governments may charge a fee for:

(a) Collection of any volumes of yard debris over and above the first unit which is included in the base fee, where the generator is a solid waste customer;

(b) Collection of any volumes of yard debris where the generator is not a solid waste customer;

(c) Yard debris collected through a depot program or other alternative method including on-call service.

(6) The total additional yard debris recycling fee charged to any generator of yard debris for collection of yard debris must be less than the fee that would have been charged for collection of that same volume of yard debris as mixed solid waste.

(7) Yard debris recycling fees in addition to the base fee charged for solid waste collection and disposal may be charged for the collection of yard debris on-route or at a depot outside the Metro watershed, ~~where yard debris is not a principal recyclable material.~~

(8) Each city, county or metropolitan service district in the Metro watershed must individually, or jointly through intergovernmental agreement, implement a yard debris program that at a minimum meets the requirements of OAR 340-090-0030 when the option under OAR 340-090-0040(3)(e) is not chosen or request approval of an alternative program for providing the opportunity to recycle under OAR 340-090-0080.

Statutory/Other Authority: ORS 459A.025, 459.045, 459A.005 - 459A.085 & 468.020

Statutes/Other Implemented: ORS 459.015, 459.250, 459A.005 & 459A.010

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 9-1993, f. & cert. ef. 6-16-93

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0130

DEQ 9-1991, f. & cert. ef. 6-20-91

340-090-0380

Recycling Rate Calculation

(1) The recycling rate for rigid plastic containers must be calculated as one of the following:

(a) Aggregate or specified resin type recycling rate for compliance purposes;

(b) Calendar year aggregate recycling rate;

(c) Specified-type rate; or

(d) Product-associated rate.

(2) Recycling rate for compliance purposes;

(a) Aggregate recycling rate for compliance purposes;

(A) DEQ may determine a recycling rate for rigid plastic containers, in the aggregate, for compliance purposes by December 31 of any year for which DEQ deems it necessary to determine such a rate. The aggregate recycling rate for compliance purposes must apply to the following calendar year and to any subsequent calendar year until DEQ again calculates an aggregate rigid plastic container recycling rate for compliance purposes;

(B) DEQ must base the aggregate recycling rate for compliance purposes in part on the most recent calendar year recycling rate and in part on other information which reflects or indicates the level of rigid plastic container recycling. When determining the recycling rate for compliance purposes for years prior to the calculation of the calendar year recycling rate, DEQ will use the best available recycling rate information in lieu of a calendar year recycling rate.

(b) Specified resin type recycling rate for compliance purposes:

(A) If the aggregate recycling rate in paragraph (2)(a)(A) of this rule is determined to be less than 25 percent, DEQ must determine a specified resin type recycling rate for compliance purposes for rigid plastic containers made from each of the [following resin types: polyethylene terephthalate, high density polyethylene, polyvinyl chloride, low density polyethylene, polypropylene, polystyrene, and other plastic resin types identified in ORS 459A.680.](#) The specified resin type recycling rate for compliance purposes must apply to the calendar year(s) for which the aggregate recycling rate in paragraph (2)(a)(A) of this rule was determined;

(B) DEQ must base the specified resin type recycling rate for compliance purposes in part on the most recent calendar year recycling rate and in part on other information which reflects or indicates the level of rigid plastic container recycling. When determining the recycling rate for compliance purposes for years prior to the calculation of the calendar year recycling rate, DEQ will use the best available recycling rate information in lieu of a calendar year recycling rate.

(3) Calendar year aggregate recycling rate:

(a) DEQ must calculate the calendar year aggregate recycling rate for rigid plastic containers and must include all rigid plastic containers including those exempted by OAR 340-090-0340(2), (4), (5), (6) or (7) from meeting compliance standards;

(b) DEQ must determine the calendar year recycling rate for rigid plastic containers in the aggregate as a percentage by dividing the aggregate numerator by the aggregate denominator. DEQ must collect or adjust, or both, the numbers in both the numerator and denominator of this calculation to represent the same calendar year;

(c) The elements of the formula to calculate the calendar year aggregate recycling rate for post-consumer rigid plastic containers in Oregon are:

(A) The aggregate numerator, expressed in tons:

(i) DEQ must calculate the numerator be calculated as the total weight of post-consumer rigid plastic containers recycled in Oregon;

(ii) In addition to DEQ's census of material recovery rates, DEQ may use as the basis for determining the total weight of post-consumer rigid plastic containers recycled in Oregon an annual recycling census of all parties directly involved in brokering, processing, or recycling

post-consumer rigid plastic containers from Oregon. DEQ may provide monthly forms for record keeping purposes only. Census respondents will be asked to calculate and submit:

(I) The total amount of post-consumer rigid plastic received from Oregon sources which is rigid plastic containers as defined in OAR 340-090-0330;

(II) The percentage of (I) that is lost due to removal of contaminated, non-plastic, and non-recyclable material; and

(III) Any other information DEQ may require to accurately determine the recycling tonnages.

(iii) DEQ must design and implement procedures to conduct the census relating to:

(I) Developing and maintaining a comprehensive list of handlers and reclaimers;

(II) Obtaining data from handlers and reclaimers, including the use of monthly and annual record keeping and reporting forms;

(III) Reconciling variances in reported data;

(IV) Maintaining quality control in data collection and analysis; and

(V) Adjusting data to produce estimates of the amount of plastic from post-consumer rigid plastic containers by controlling for contamination, including moisture, organic matter and other non-plastic materials.

(iv) DEQ must publish a report on the findings of the census, methodologies used and information regarding potential errors.

(B) The aggregate denominator, expressed in tons:

(i) DEQ must calculate the denominator as the sum of the total weight of post-consumer rigid plastic containers recycled in Oregon (the numerator) plus the total weight of post-consumer rigid plastic containers disposed of in Oregon. DEQ must calculate the total weight of post-consumer rigid plastic containers disposed of in Oregon by multiplying the estimated percent of municipal solid waste which is post-consumer rigid plastic containers times total tons of municipal solid waste disposed of in Oregon;

(ii) The total tons of municipal solid waste disposed of in Oregon is derived from information collected under the provisions of ORS 459A.010 (~~4~~(g)(3)(d)) and 459A.050 (3) and (4);

(iii) DEQ must use a composition study of solid waste disposed of in Oregon as the basis for estimating the percent of disposed solid waste which is post-consumer rigid plastic containers. Adjustments to a previous composition study may be used as a substitute for a new composition study.

(d) DEQ will determine the calendar year aggregate rigid plastic container recycling rate, when DEQ determines it to be necessary, on a calendar year basis. When DEQ determines a calendar year aggregate rate, DEQ will publish it in a report that includes a discussion of potential errors associated with calculation of the total tons of municipal solid waste disposed of in Oregon, information on the recycling and disposal data collection and analysis methodologies and margin of error for the percent composition of rigid plastic containers.

(4) Specified-type recycling rate. DEQ must determine the recycling rate for a specified type of rigid plastic container as a percentage by dividing the specified type numerator by the specified type denominator. DEQ must collect or adjust, or both, the numbers in both the numerator and denominator of this calculation to represent the same calendar year:

(a) The elements of the formula to calculate the specified type recycling rate for rigid plastic containers in Oregon are:

(A) DEQ must calculate the specified type of post-consumer rigid plastic container numerator as the total of the specific type of post-consumer rigid plastic containers recycled in Oregon, expressed in tons;

(B) The specified type of post-consumer rigid plastic container denominator, expressed in tons:

(i) DEQ must calculate the denominator by one of the following methods:

(I) As the sum of the weight of the specified type of post-consumer rigid plastic containers recycled in Oregon plus the total weight of the specified type of rigid plastic containers disposed of in Oregon; or

(II) The total weight of the specified type of post-consumer rigid plastic containers sold in Oregon.

(ii) If DEQ uses the weight of the specified type of post-consumer rigid plastic containers disposed of to calculate the denominator, DEQ must use a composition study of solid waste disposed of in Oregon as the basis for determining the weight disposed of.

(b) Any person calculating the recycling rate of a specified type of post-consumer rigid plastic container may rely upon disposal or recycling data DEQ generates. Persons using other data to calculate a recycling rate must be able to document that such data were generated by a methodology acceptable to DEQ and are verifiable;

(c) Adjustment to data collected by the recycling census and composition study identified in paragraphs (3)(c)(A)(ii) and (3)(c)(B)(ii) and (iii) of this rule respectively must be made only by use of a methodology DEQ accepts;

(d) DEQ may use data collected on a national basis to determine the post-consumer rigid plastic container recycling rate in Oregon if it can be shown how these data are either typical of or can be adjusted to accurately represent conditions in Oregon.

(5) Product-associated recycling rate. DEQ must calculate the recycling rate for a product-associated rigid plastic container as a percentage by dividing the product-associated numerator by the product-associated denominator. DEQ must collect or adjust, or both, the numbers in both the numerator and denominator of this calculation to represent the same calendar year. The elements of the formula to calculate the product-associated recycling rate for rigid plastic containers in Oregon are:

(a) DEQ must calculate the numerator as the total weight of product-associated post-consumer rigid plastic containers recycled in Oregon, expressed in tons;

(b) The product-associated post-consumer rigid plastic container denominator, expressed in tons. The denominator must be the total weight of the product-associated rigid plastic containers sold in Oregon.

(6) A product manufacturer or container manufacturer must rely on DEQ's calculation of the aggregate recycling rate for compliance purposes for post-consumer rigid plastic containers to comply with OAR 340-090-0350(1)(b)(A). In cases where DEQ calculates the recycling rate for specified types of or product-associated post-consumer rigid plastic containers, a product manufacturer or container manufacturer may rely on DEQ's rate calculation when claiming that a container or containers comply with OAR 340-090-0350(1)(b)(B) or (1)(b)(C).

(7) In cases where a manufacturer calculates the recycling rate for specified types of or product-associated post-consumer rigid plastic containers, a product manufacturer may rely upon disposal or recycling data DEQ generates, where available. Manufacturers using other data to calculate a recycling rate must be able to document that such data were generated by a methodology DEQ accepts and are verifiable.

(8) Calculation of a recycling rate must include only those outputs from processing rigid plastic containers which are recycled into new products. When a processing technology results in a combination of outputs, some of which are recycled into new products and others of which are fuel products, or energy recovery, the recycling rate may not include any portion of the output which is a fuel product, is used to produce fuel products, or is otherwise used for energy recovery.

Statutory/Other Authority: ORS 459A.025

Statutes/Other Implemented: ORS 459A.650 - 459A.657

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 9-1996, f. & cert. ef. 7-10-96

DEQ 26-1994, f. & cert. ef. 11-2-94

340-090-0410

Responsibilities of a Container Manufacturer

(1)(a) A container manufacturer must be able to document that a rigid plastic container or containers comply with the requirements of OAR 340-090-0350(1)(a), (1)(b)(A), or (1)(b)(B);

(b) For any calendar year for which DEQ determines that the aggregate recycling rate for compliance purposes is at least 25 percent, a container manufacturer is not required to keep the records otherwise required by this rule.

(2) A container manufacturer's documentation that a rigid plastic container or containers comply with the provisions of OAR 340-090-0350(1)(a), (1)(b)(A) or (1)(b)(B) must include, at a minimum, the following information:

(a) Recycled content. For each container that complies with OAR 340-090-0350(1)(a):

(A) A description of the container including its resin type;

(B) Documentation of the recycled content of the type of container including:

(i) The total weight of plastic used to manufacture that type of rigid plastic container during the time period when the container was made; and

(ii) The weight of recycled material used to manufacture that type of rigid plastic container during the same time period, within a one-year period, as determined by the container manufacturer.

(b) Aggregate recycling rate. The aggregate recycling rate for compliance purposes DEQ establishes serves as the only acceptable documentation that a container manufacturer's containers comply with OAR 340-090-0350(1)(b)(A);

(c) Specified-type recycling rate. For containers that comply with the specified-type recycling rate requirement, OAR 340-090-0350(1)(b)(B):

(A) A description of the container;

(B) Identification of the specified type;

(C) Documentation of the recycling rate for the type of container pursuant to OAR 340-090-0380(4); and

(D) Where DEQ has calculated a recycling rate for a specified type of container, the container manufacturer may rely upon DEQ's rate to show that the container complies with the rate requirements.

(3) Container manufacturer's Certificate of Compliance:

(a) A container manufacturer must make a Certificate of Compliance available to:

(A) Any product manufacturer who uses containers from that container manufacturer and makes products in those containers available for sale in Oregon; and

(B) DEQ, upon request, only if not otherwise available from the product manufacturer.

(b) A container manufacturer's Certificate of Compliance must contain the following information:

(A) The container manufacturer's:

(i) Name;

(ii) Address; and

(iii) Name, title, address and phone number of an official representative.

(B) A description of the container or containers for which compliance or exemption is claimed; and

(C) A description of the container manufacturer's records documenting compliance.

(c) If, after review of the container manufacturer's Certificate of Compliance, DEQ determines that the information provided in the Certificate is not adequate to document that a container or containers comply with OAR 340-090-0350 through 0370, DEQ may:

(A) Request that the product manufacturer provide all or part of the documentation described in a Certificate of Compliance, other records, or additional information the container manufacturer keeps that is the basis for those records and any other information deemed necessary to determine compliance with the law. Within 15 days of this request, the product manufacturer must notify DEQ whether it will provide the requested information or if DEQ must request it directly from the container manufacturer. If the product manufacturer notifies DEQ it will satisfy the request, the manufacturer must provide the records or other material requested to DEQ within 45 days of the date of the product manufacturer's notification;

(B) If the product manufacturer cannot provide adequate documentation or other information DEQ requests within the time frame in (A) above, then DEQ may request such information directly from the container manufacturer.

(d) A container manufacturer must comply with the following procedure and time schedule when it provides information DEQ requests:

(A) The container manufacturer must provide a Certificate of Compliance to DEQ within 60 days of the date of receipt of a DEQ request for the Certificate;

(B) If DEQ finds the Certificate to be incomplete, DEQ may request the missing materials from the official company representative. The container manufacturer must provide missing materials from a Certificate of Compliance to DEQ within 30 days of the date of receipt of a DEQ request for the Certificate;

(C) After it has reviewed the Certificate of Compliance, DEQ may request that the container manufacturer provide all or part of the documentation described in a Certificate of Compliance, other records, or additional information kept by the container manufacturer that is the basis for those records and any other information deemed necessary to determine compliance with the law. The container manufacturer must provide the records or other material requested to DEQ within 45 days of the date of receipt of a request for the records.

(4)(a) A container manufacturer may request an extension of the time period to submit materials DEQ requests. Such a request for extension must be in writing and be received by DEQ before the due date of DEQ's original request. The request for extension must:

(A) Provide the container manufacturer's name and address;

(B) Provide the name, title, address, and phone number of an official company representative;

(C) State a specific length for the requested extension, not to exceed 60 days; and

(D) Show good reason for the extension.

(b) Based upon the information provided in the request for extension, DEQ may grant the extension, deny the extension, or grant an extension for a lesser period of time.

(5) Records that document compliance with the requirements of OAR 340-090-0350 or exemption under the provisions of OAR 340-090-0340 must be maintained and available for audit by DEQ for a period of at least three years after the year for which compliance is documented.

(6) DEQ will consider a container manufacturer's failure to provide the following a violation of these rules:

(a) A Certificate of Compliance to a product manufacturer; or

(b) A Certificate of Compliance or additional materials to DEQ as requested and within the schedule set out in this rule.

(7) DEQ, at its discretion, may audit the container manufacturer directly to determine compliance with these rules.

Statutory/Other Authority: ORS 459A.025 & 468.020

Statutes/Other Implemented: ORS 459A.655 & 459A.660

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 9-1996, f. & cert. ef. 7-10-96

DEQ 26-1994, f. & cert. ef. 11-2-94

340-090-0430

Violations

(1) Violations of these rules are punishable as provided in ORS Chapter 459.~~955~~995(1)(a) and pursuant to OAR 340-012-0042 and -0065.

(2) DEQ may not enforce the provisions of ORS 459A.650 to 459A.660 during the first full calendar year after DEQ determines for the first time that the aggregate recycling rate for compliance purposes is less than 25 percent.

(3) DEQ may not enforce the provisions of ORS 459A.650 to 459A.660 until January 1, 1998. After that time DEQ must take enforcement action for violations of ORS 459A.650 to 459A.660 occurring on or after January 1, 1998.

Statutory/Other Authority: ORS 459A.025 & 468.020

Statutes/Other Implemented: ORS 459A.660 & Ch. 584 OL 1995

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 9-1996, f. & cert. ef. 7-10-96

DEQ 26-1994, f. & cert. ef. 11-2-94

OAR-340-090-0600

Purpose and Applicability

OAR 340-090-0600 to 0810 implement the Plastic Pollution and Recycling Modernization Act, ORS 459A.860 to 459A.975. These rules also describe Producer Responsibility Organization obligations, standards and methods for local government compensation, and the recycling acceptance lists. The rules relate to the requirements of ORS 459A.869, 459A.872, 459A.875, 459A.878, 459A.881, 459A.884, 459A.890, 459A.896, 459A.914, and 459A.926.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

Definitions

OAR 340-090-0610

Unless the context requires otherwise, terms used in OAR 340-090-0600 to 0810 have the meanings provided by 459A.863.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0620

Effective Date

OAR 340-090-0630 to 0810 and the amendments to OAR 340-090-0005 to 0430 are effective on July 1, 2025.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0630

Recycling Acceptance Lists

(1) Recycling list definitions. For purposes of the recycling acceptance lists under sections 2 and 3 of this rule, the terms below have the following meanings:

(a) “Aerosol” has the same meaning found in 40 CFR 273.9.

(b) “Aseptic carton” means a shelf-stable package made for a food or beverage product that is made mainly of paperboard, but also includes thin protective layers of polyethylene and aluminum.

(c) “Bottle” means a rigid container with a neck or mouth smaller than the base.

(d) “Cap” means a rigid closure for tubs or bottles that has a fastening feature that involves threads.

(e) "HDPE" means high density polyethylene.

(f) "Lid" means a rigid closure for tubs that has a fastening feature other than threads.

(g) "Non-metallized gift wrap" means paper gift wrap devoid of non-paper additives like metallic flakes, glitter, metalized mylar or any similar material.

(h) "PE" means polyethylene and includes HDPE, low density polyethylene and linear low density polyethylene.

(i) "PET" means polyethylene terephthalate.

(j) "PP" means polypropylene.

(k) "Pressurized cylinder" means any packaging containing flammable pressurized gas, helium or carbon dioxide, including, but not limited to, seamless cylinders and tubes, welded cylinders and insulated cylinders intended to contain helium, carbon dioxide or flammable materials such as propane, butane or other flammable compressed gases. "Pressurized cylinder" does not include:

(A) any cylinder, tube or container intended to deliver a product that is not a compressed gas;

(B) any cylinder, tube or container that is designed to be refilled and which has an active and functioning exchange system that normally causes the cylinder, tube or container to be refilled, reused, or refurbished;

(C) any cylinder, tube or container that contains pure oxygen or hydrogen;

(D) fire extinguishers;

(E) aerosol cans; or

(F) a storage tank that is permanently fixed in location.

(l) "Recycle-compatible coating" means a water-soluble barrier that can be used on fiber-based packaging that does not negatively impact the recyclability of that packaging.

(m) "Scrap metal" means ferrous and non-ferrous waste metal, metallic material, electrical wiring and any product that contains at least 50 percent metal by weight and that is capable of being recycled. Scrap metal includes major appliances that contain refrigerants.

(n) "Tub" means a rigid container that has a neck or mouth similar in size to its base.

(2) Local Government Recycling Acceptance List. The following material must be collected pursuant to ORS 459A.005 and ORS 459A.914(1)(a) to provide the opportunity to recycle:

(a) Corrugated cardboard; uncoated or coated with recycle-compatible coating; including pizza boxes;

- (b) Paper bags and mailing envelopes, excluding those with a plastic liner;
- (c) Paperboard boxes and packaging, such as cereal, cracker and medicine boxes, excluding items used to package goods that are normally placed in a refrigerator or freezer;
- (d) Polycoated cartons (for example milk cartons), aseptic cartons, and polycoated paper cups;
- (e) Molded pulp packaging, excluding food serviceware;
- (f) Spiral wound containers or composite cans made primarily of paper and steel;
- (g) Tissue paper used for packaging;
- (h) Non-metalized gift wrap;
- (i) All printing and writing paper, including newspaper, newsprint, newspaper inserts, magazines, catalogs, similar glossy paper, telephone directories, ledger, bond, copy and printer paper, notebook paper, envelopes, cards, mail, and items made of such paper and bound with staples, and paperback books, but excluding thermal paper and hardcover books;
- (j) File folders and hanging files;
- (k) Plastic that fits loosely in the generator's provided on-route collection container, excluding any such item that was used to contain or store motor oil, antifreeze, or other automotive fluids, pesticides or herbicides, or other hazardous materials (flammable, corrosive, reactive, toxic), as follows:
 - (A) Plastic bottles and jugs that are 6 ounces and larger, including caps if screwed on, made of the following materials:
 - (i) PET (#1) (clear only);
 - (ii) HDPE (#2); and
 - (iii) PP (#5)
 - (B) Plastic tubs that are 6 ounces and larger, including caps if screwed on, made of the following materials:
 - (i) PET (#1);
 - (ii) HDPE (#2); and
 - (iii) PP (#5)
 - (C) Plastic buckets, pails, and storage containers, including lids if snapped on, made of the following materials:

(i) HDPE (#2); and

(ii) PP (#5)

(D) Nursery (plant) packaging, such as pots and trays, made of the following materials:

(i) HDPE (#2); and

(ii) PP

(E) Clear plastic cups made of the following materials:

(i) PET (#1); and

(ii) PP (#5)

(l) Aluminum food, pet food, and beverage cans;

(m) Steel and bi-metal cans, including empty or dry metal paint cans;

(n) Scrap metal weighing less than 10 pounds and smaller than 18” in length, excluding sharp items (for example knives) and bicycle chains, electrical wiring and other wires, and other similar items likely to cause tangling;

(o) Other scrap metal;

(p) Motor oil; and

(q) Glass bottles and jars, but only from non-residential sources and only in the Metro watershed (this requirement is in addition to the requirements for glass recycling under section 3 of this rule).

(3) Producer Responsibility Organization Recycling Acceptance List. The following materials are designated as covered products of which a producer responsibility organization must provide for the collection through recycling depot or mobile events as provided in ORS 459A.896(1):

(a) Steel and aluminum aerosol cans;

(b) Aluminum foil and products made of pressed aluminum foil;

(c) Shredded paper;

(d) Polyethylene film and packaging made of polyethylene film without layers of other material;

(e) Plastic buckets, pails and storage containers made of HDPE (#2) or PP (#5) and the lids of such items, but excluding such items if used to contain or store motor oil, antifreeze, or

other automotive fluids, pesticides or herbicides, or other hazardous materials (flammable, corrosive, reactive, toxic);

(f) Glass bottles and jars;

(g) Block white expanded polystyrene;

(h) PE and PP lids and caps;

(i) HDPE package handles (for example 6-pack handles); and

(j) Pressurized cylinders.

(4) The materials listed in Section 2 of this rule must be collected as follows:

(a) The materials listed in subsections (a) through (p) must be collected at depots as part of the opportunity to recycle pursuant to ORS 459A.005 and 459A.007;

(b) The materials listed in subsections (a) through (n) are also designated for recycling collection from collection service customers as described in ORS 459A.005(1)(a)(A) and ORS 459A.863(25)(a) to (c);

(c) The materials listed in subsection (q) must be collected from non-residential collection service customers as part of routine collection service described in ORS 459A.005(1)(a)(A) and ORS 459A.863(25)(b), but only in the Metro wasteshed; and

(d) The materials listed in subsections (a) through (n) are suitable for commingled collection and are included in the Uniform Statewide Collection List.

(e) In accordance with this subsection, a local government may submit a request for additional time to meet the obligation to collect materials on the Uniform Statewide Collection List pursuant to section 2 of this rule to DEQ for approval, if the local government's ability to successfully collect the materials is dependent on the local government receiving funding for trucks, containers, or a reload facility requested from a producer responsibility organization through the 2023 needs assessment, pursuant to ORS 459A.890(8), and the local government has not yet received the funding. The local government must provide any information requested by DEQ to review the local government's request and describe to the satisfaction of DEQ the local government's process and timeline for complying with the obligation to collect all materials on the Uniform Statewide Collection List pursuant to section 2 of this rule. DEQ may approve the request, with or without conditions, if it determines that the local government's ability to successfully collect the materials that are the subject of the request is dependent on the local government receiving funding for trucks, containers, or a reload facility requested from the producer responsibility organization through the 2023 needs assessment, pursuant to ORS 459A.890(8), and the local government has not yet received the funding.

[Note: ORS 459A.914(4)(b) authorizes additions to the Uniform Statewide Collection List through methods other than rulemaking. Materials not on the Uniform Statewide Collection

List shall not be collected commingled with other materials per ORS 459A.914(5). The Uniform Statewide Collection List consists of materials designated in (d) above plus additional materials approved by DEQ pursuant to ORS 459A.914(4)(b). For the full list of materials on the Uniform Statewide Collection List consult Oregon Department of Environmental Quality's Materials Management Program.]

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0640

Convenience Standards

(1) For purposes of ORS 495A.896(1) and this rule:

(a) An existing recycling depot or drop off center is any place located in Oregon that accepts any recyclable material from the general public at the time the producer responsibility organization submits its most recent Program Plan or plan amendment, and which also meets at least one of the following five criteria:

(A) The recycling depot or drop off center is used by a local government to satisfy the requirement in ORS 459A.005(1)(a)(A) to provide a place for collecting source separated recyclable material, including the materials on the uniform statewide collection list established under ORS 459A.914 designated for collection at a recycling depot, located either at a disposal site or at another location more convenient to the population being served.

(B) The recycling depot or drop off center is used by a local government to satisfy the optional opportunity to recycle program element described in ORS 459A.007(1)(g).

(C) The recycling depot or drop off center is operated by or at the direction of a Tribal government.

(D) The recycling depot or drop off center is located at a site that operates under a valid solid waste permit issued by the DEQ.

(E) The recycling depot or drop off center is operated by or at the direction of a local government or a local government's service provider, as defined in ORS 459A.863(12).

(b) For purpose of satisfying obligations under ORS 459A.896, it is possible for a producer responsibility organization to contract with an existing recycling depot or drop off center to provide for collection of a covered product or products if the recycling depot or drop off center meets all the following conditions:

(A) The operator of the existing recycling depot or drop off center is willing to contract to provide collection service on behalf of the producer responsibility organization.

(B) The operator of the existing recycling depot or drop off center is able to meet all performance standards and other requirements on the producer responsibility organization and to provide collection service on behalf of the producer responsibility organization.

(C) The annual cost to the producer responsibility organization to contract for collection and recycling of a material or set of materials with the recycling depot or drop off center does not exceed 110 percent of the cost the producer responsibility organization would otherwise pay to provide a collection point for that material or set of materials.

(D) The operator of the existing recycling depot or drop off center demonstrates to the producer responsibility organization that the cost of reimbursement it requests are reasonable and only pays for additional costs associated with collection of the additional materials. An existing recycling depot or drop off center and a producer responsibility organization will resolve any disputes concerning the reasonableness of reimbursement costs through the dispute resolution process described in ORS 459A.875(2)(e).

(c) An existing recycling depot or drop off center that contracts with a producer responsibility organization pursuant to ORS 459A.896(1) must meet all relevant requirements of the producer responsibility organization, including performance standards as described in OAR 340-090-0660 and requirements for responsible end market disposition (ORS 459A.896(2)).

(d) For purposes of paragraphs (a)(A) and (B) of this section, if a local government has more than the minimum number of depots or drop off centers required by ORS 459A.005(1)(a)(A) or 459.007(1)(g) the local government must inform a producer responsibility organization, upon request, which depots or drop off centers are being used to meet the requirements of ORS 459A.005(1)(a)(A) or 459.007(1)(g). If a local government fails to provide the information within 90 days of a request DEQ may, after consulting with the local government and producer responsibility organization, determine which depots or drop off centers are being used to meet the requirements of ORS 459A.005(1)(a)(A) or 459.007(1)(g).

(e) If a recycling depot or drop off center that does not meet the requirements of subsection (a) of this section subsequently comes into compliance with those requirements a producer responsibility organization must contract with the recycling depot or drop off center within 12 months of the recycling depot or drop off center meeting the requirements of subsection (a) of this section, provided that the recycling depot or drop off center also meets the other requirements of this section. If the addition of the recycling depot or drop of center results in the producer responsibility organization exceeding the minimum number of collection points required by subsections (2)(d) to (f) of this rule the producer responsibility organization may discontinue service at another collection point in the same community, subject to the requirements of section 4 of this rule.

(f) If a producer responsibility organization determines that it is not possible to contract with an existing recycling depot or drop off center pursuant to subsection (2)(a) of this rule, due to the exceedance of the price premium cap in paragraph (1)(b)(C) of this rule, DEQ may request financial information from both the producer responsibility organization and the

existing facility to verify that the cap would be exceeded. A producer responsibility organization must provide the information requested by DEQ and may not prohibit, by nondisclosure agreement or other mechanism, the sharing of the requested information by the existing facility.

(2) Minimum number of collection points. For purposes of this section a collection point is a location that accepts from the public one or more materials on the Producer Responsibility Organization Recycling Acceptance List acceptance list pursuant to OAR 340-090-0630(3) and which meets all performance standards as described in OAR 340-090-0660. A producer responsibility organization must provide the following minimum number of collection points:

(a) A producer responsibility organization must provide for collection and recycling of all covered products on the producer responsibility organization acceptance list, pursuant to OAR 340-090-0630(3), at any existing recycling depot or drop off center where it is possible, as provided by subsection 1(b) of this rule.

(b) A producer responsibility organization must meet the base convenience standard described in paragraphs (d)(A), (d)(B) and (e)(A) and (B) of this section for every material described in the producer responsibility organization recycling acceptance list, pursuant to OAR 340-090-0630(3), except as provided by subsection (c) of this section.

(c) A producer responsibility organization must meet the enhanced convenience standard described in in paragraphs (d)(A), (d)(C) and (e)(C) and (D) of this section for the materials identified in OAR 340-090-0630(3)(d) – (f), (h) and (i).

(d) Collection points in counties.

(A) A producer responsibility organization must provide at least one collection point in every county for every covered product on the producer responsibility organization acceptance lists.

(B) For each material subject to the base convenience standard in subsection (b) of this section, a producer responsibility organization must provide one addition collection point as follows:

(i) For Clackamas, Multnomah and Washington counties, one additional collection point for every 60,000 residents of that county.

(ii) For all other counties, one additional collection point for every 40,000 residents of that county.

(C) For each material designated for enhanced convenience pursuant to subsection (c) of this section, a producer responsibility organization must provide one additional collection point as follows:

(i) For Clackamas, Multnomah and Washington counties, one additional collection point for every 45,000 residents of each county.

(ii) For all other counties, one additional collection point for every 30,000 residents of that county.

(D) Where the required number of collection points for a county exceeds the sum of the collection points required by subsections (a) and (e) of this section, the additional collection points shall be located in unincorporated areas of the county. The producer responsibility organization shall consult with the county government and consider areas recommended by the county for placement of such collection points.

(e) Collection points in cities.

(A) For every material subject to the base convenience standard in subsection (b) of this section, a producer responsibility organization must provide for at least one collection point:

(i) In each city in Clackamas, Multnomah and Washington counties with a population of 14,000 or more residents; and

(ii) In all other cities with a population of 7,000 or more residents.

(B) For every material subject to the base convenience standard in subsection (b) of this section, a producer responsibility organization must provide additional collection points in a city as follows:

(i) For cities in Clackamas, Multnomah and Washington counties, one additional collection point for every 75,000 residents of the city; and

(ii) In all other cities one additional collection point for every 35,000 residents of the city.

(C) For each material designated for enhanced convenience, pursuant to subsection (c) of this section, a producer responsibility organization must provide at least one collection point as follows:

(i) In cities in Clackamas, Multnomah and Washington counties with a population of 8,000 or more residents; and

(ii) In all other cities with a population of 4,000 or more residents.

(D) A producer responsibility organization must provide one additional collection point in a city for every covered product designated for enhanced convenience:

(i) For cities in Clackamas, Multnomah and Washington counties, one collection point for every 50,000 residents of the city; and

(ii) For all other cities one collection point for every 30,000 residents of the city.

(E) If more than one collection point for any material is required within a single city, the producer responsibility organization shall locate the collection points within the city so that no major sections of the city lack convenient service relative to other areas of the city. A

producer responsibility organization must coordinate with DEQ to meet the requirements of this paragraph.

(F) If more than one collection point for any material is provided within a single city, at least 50 percent of all collection points for each material used to satisfy subsection (2)(e) of this rule shall be located in such a way as to be convenient to users of transit service, if the city is served by transit service. The producer responsibility organization shall describe in its program plan how this requirement is satisfied.

(f) A producer responsibility organization must provide sufficient collection points for all materials on the producer responsibility organization acceptance list such that 95 percent of all residents of Oregon live within 15 miles of a collection point.

(g) A producer responsibility organization may use the same collection points to meet the requirements of subsections (a), (d), (e) and (f).

(h) A producer responsibility organization must describe in its program plan how it will provide enhanced access to recycling of materials on the producer responsibility organization acceptance list for populations that may otherwise find it difficult to participate in service at collection points (for example valet service for vehicle users in wheelchairs and partnering with service organizations that work with homebound populations).

(3) Days and hours of operation. Collection points described in Section 2 of this rule must be available to the public as follows:

(a) If the collection point is co-located with a “parent” facility (for example a retailer if return-to-retail, or an existing depot) the same hours of operation as that parent facility is open.

(b) For all other collection points (stand-alone sites) 4 days per week (with exceptions provided for on legal holidays), at least one of which must be Saturday or Sunday and at least 8 hours each of those 4 days.

(4) Notification of changes and continuity of services.

(a) Except as provided by subsection (c) of this section, a producer responsibility organization must provide DEQ and a collection point operator at least three months’ notice in writing if a producer responsibility organization closes a collection point. The producer responsibility organization must also provide a concurrent notice to users of the collection point using prominently placed signage at the collection point location and on a website used by the producer responsibility organization for promotion with the public. Collection point closure notices must include the following information:

(A) Date of service discontinuation; and

(B) Alternative collection point location(s) or service information.

(b) Except as provided by subsection (c) of this section, if a collection point that a producer responsibility organization is using to satisfy the requirements of subsection (2)(a) of this rule no longer meets any of the conditions of subsection (1)(b) of this rule, the producer responsibility organization must not discontinue service until one of the following occurs:

(A) The contract with the site operator expires;

(B) The program plan period ends; or

(C) The parties reach mutual agreement.

(c) A producer responsibility organization may close a collection point for or discontinue acceptance of pressurized cylinders or aerosol cans without three months' notice in writing if:

(A) the collection point operator is an entity other than the producer responsibility organization;

(B) the collection point is not in compliance with contractual terms related to environmental protection or human health;

(C) The producer responsibility organization provides prior notice of its intention to discontinue the collection point; and

(D) The collection point does not promptly correct the issue.

(d) If a producer responsibility organization discontinues service pursuant to subsection (c) it shall notify DEQ as soon as possible and provide notice to users of the collection site.

(5) If a covered product on a producer responsibility organization's recycling acceptance list pursuant to administrative rule is subsequently added to the uniform statewide collection list pursuant to ORS 459A.914(4)(b), a producer responsibility organization must meet obligations for collection as follows:

(a) only at existing recycling depots or drop off center, as provided by subsection (2)(a) of this rule; and

(b) only if the depot or drop off center is continuing to collect the materials as source separated.

(6) Alternative compliance.

(a) A producer responsibility organization may propose an alternative to the requirements of section 2 of this rule in writing in the producer responsibility organization program plan or an amendment to the plan for approval by the department. If the alternative results in a city or county receiving fewer collection points than required by section 2 of this rule, the producer responsibility organization must demonstrate that it has consulted with the city or county regarding the proposed alternative approach.

(b) If a producer responsibility organization proposes to use collection events as an alternative to the requirements of section 2 of this rule, such events must be predictable (fixed set of locations on a regular schedule and promoted far in advance); and widely advertised.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0650

Performance Standards

(1) Performance standards generally. In providing for the collection and responsible recycling of covered products pursuant to ORS 459A.896(1), a producer responsibility organization must ensure that the following performance standards are met:

(a) Methods. A producer responsibility organization's program plan must provide for how the producer responsibility organization will achieve and maintain collection targets provided by OAR 340-090-0640, convenience standards provided by OAR 340-090-0650, and performance standards. For performance standards, the program plan shall include a description of how the producer responsibility organization will monitor sites and services on a regular basis to ensure compliance with, and reporting to DEQ in a timely manner of any deviations from the program plan and performance standards under this rule.

(b) Free to the public. No fee shall be charged to users of any depot or drop off services, collection events or collection services as provided under ORS 459A.896(1)(a) through (c). If depot collection is provided at a location that normally charges users to access the site (such as a gate fee at a solid waste transfer station), the producer responsibility organization must arrange to waive the fee for the delivery of any covered products on the producer responsibility organization recycling acceptance list.

(c) Promotion. A producer responsibility organization must promote the availability of collection opportunities, how to properly prepare materials for recycling and how to utilize collection opportunities. Such promotion must use methods and materials that are clear, culturally relevant, accessible, and understandable to diverse audiences. A producer responsibility organization must make available to the public through a website that is maintained and available in multiple languages the location and hours of operation for all collection points, and information on how to properly prepare materials for collection.

(d) Accessibility. All collection services shall be reasonably accessible for users of diverse abilities, and safe to interact with for users and service operators. Sites that are unstaffed during some or all hours of operation shall provide a prominently featured hotline number and protocols for quickly responding to concerns regarding site safety, environmental impacts, or accessibility.

(e) Contamination prevention and management. Collection services shall be offered and operated in ways that minimize acceptance of contamination, and that minimize the presence of contamination in outbound materials. A producer responsibility organization's program plan must include protocols for managing materials that are not on the producer

responsibility organization recycling acceptance list but that are delivered to collection points or events. Such protocols must include screening and then accepting and managing the material appropriately, rejecting the material or both, and must also include providing service users with information on proper recycling or disposal options.

(f) Quality assurance. Collection services must be operated in a manner that maintains the quality and marketability of collected materials, including collection of materials indoors or under cover when appropriate.

(g) Litter mitigation. Collection services and associated handling of collected material must be operated in a manner to prevent litter and any other pollution to air or water.

(h) Self-reporting. A producer responsibility organization must report to DEQ, within 2 business days, any incidents that substantially impact the availability or quality of service, or which require the presence of emergency responders (for example police, medical or fire).

(2) Additional performance standards for collection events. In addition to the performance standards in section 1 of this rule, a producer responsibility organization must meet the following performance standards for collection events:

(a) Public education and outreach. A producer responsibility organization shall coordinate with relevant local governments and service providers regarding public outreach and promotion in advance of any collection event.

(b) Staffing and resourcing. A producer responsibility organization shall include in its program plan detailed policies and processes to ensure adequate staffing, managing traffic flow, ensuring safety, and contingency plans for responding to larger-than-expected turnout.

(3) Material specific performance standards. A producer responsibility organization must meet the following additional performance standards when managing the materials listed in this section:

(a) Block white Expanded Polystyrene (EPS):

(A) Collection and transportation of EPS must be conducted in a manner designed to reduce life cycle environmental impacts. Collected EPS shall be densified (compressed into a brick-like form, with most air removed), as described in paragraph B of this subsection, before transporting EPS a distance greater than 75 miles. An alternative threshold distance may be used if approved by DEQ in a producer responsibility organization's program plan.

(B) EPS shall be densified using technologies described in the producer responsibility organization's program plan after consideration of impacts on yield, transport quantities (density), and worker safety and exposure. Densification shall occur in a manner that minimizes worker exposure to air toxics. A producer responsibility organization may only use thermal densification technology if approved to do so by DEQ in its program plan or a plan amendment. A producer responsibility organization must include an assessment of potential impacts to workers and methods that will be followed to minimize such impacts.

(b) Aerosol cans and pressurized cylinders:

(A) A producer responsibility organization may not accept aerosol cans or pressurized cylinders from any non-residential generator unless that non-residential generator affirms in writing its status as a very small quantity generator pursuant to 40 CFR 260.10 and 40 CFR part 262. Any collection point that accepts aerosol cans or pressurized cylinders must be staffed and have acceptance protocols in place to ensure that it does not accept any non-exempt hazardous waste.

(B) A producer responsibility organization shall ensure that all aerosol cans collected pursuant to ORS 459A.896(1) are managed according to universal waste standards pursuant to 40 CFR part 273. Aerosol cans shall be punctured and their contents safely removed, characterized, and managed in accordance with applicable hazardous waste standards where appropriate, prior to sending the empty container to be recycled. The handler of the containers shall meet the standards of 40 CFR 273.13(e)(4) which include but are not limited to following a written procedure for puncturing cans, conducting a hazardous waste determination of all contents, puncturing the cans with a device designed for that purpose, handling waste from the cans safely and recycling the metal.

(C) A producer responsibility organization shall ensure that any pressurized cylinders collected pursuant to ORS 459A.896(1) are managed in accordance with the following standard: pressurized cylinders shall be processed by a regulated hazardous waste treatment, storage, and disposal facility, which shall remove and manage contents according to hazardous waste standards, and then send the containers to a metal recycler or prepare them for reuse. This paragraph does not require the manifesting of pressurized cylinders.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-093-0660

Collection Targets

(1) Collection Targets Generally. A collection target or collection rate is a percentage of total amount of a material generated and is calculated using weight.

(a) For each material on the producer responsibility recycling acceptance list pursuant to OAR 340-090-0630(3), for which collection targets are established, a producer responsibility organization must report, in the annual report required under ORS 459A.887, the weight of collected materials, an estimate of the weight of materials generated, and the ratio of the two, where the weight of collected materials is the numerator and the estimate of weight of materials generated is the denominator. For materials without collection targets only the weight of collected materials must be reported.

(b) A collection rate will be calculated by dividing the weight of materials collected (numerator) by the weight of the materials generated (denominator).

(c) A producer responsibility organization must document all data sources, references, assumptions and calculations used in calculating collection rates. When estimating the weight of materials generated, a producer responsibility organization must consider data provided by DEQ, its own collection records, and other weight-based data, in addition to sales data reported to it by its members.

(d) The calculation of the numerator in the collection rate may only include the weight of materials targeted for collection and recycling, and may not include the weight of contamination.

(e) Unless otherwise specified in this rule, the numerator in a producer responsibility organization's collection rate calculation may only include the weight of materials collected by the producer responsibility organization (including any party operating under contract to or at the direction of the producer responsibility organization).

(f) As part of its annual report, a producer responsibility organization must demonstrate that it has met the collection target for each material, and if not, the reasons for not meeting the collection target and the specific actions the producer responsibility organization proposes to implement to achieve the collection target.

(2) Materials-Specific Collection Targets. Materials shall have the following collection targets:

(a) Glass. The collection target for glass will be 45 percent and will be calculated as follows:

(A) The numerator is all glass packaging collected at producer responsibility organization depots or other collections as provided under ORS 459A.896(1) and all glass collected by local governments or their designated service providers (for example on-route collection).

(B) The denominator is all glass packaging (bottles and jars) generated in Oregon, less bottle bill collections.

(b) Polyethylene film. The collection target for polyethylene film is as follows:

(A) 25 percent in 2028,

(B) 27 percent in 2029,

(C) 29 percent in 2030,

(D) 31 percent in 2031,

(E) 33 percent in 2032,

(F) 35 percent in 2033,

(G) 37.5 percent in 2034,

(H) 40 percent in 2035,

(I) 42 percent in 2036,

(J) 44 percent in 2037,

(K) 46 percent in 2038,

(L) 48 percent in 2039, and

(M) 50 percent by 2040 and in subsequent years.

(c) Other materials. A producer responsibility organization must propose collection targets for other materials each time it submits a program plan for approval. Other materials that a producer responsibility organization must propose collection targets for include those identified in OAR 340-090-0630(3)(a), (b), (e), and (g) – (j). In program plans after the first plan, the producer responsibility organization must propose an increase in the collection target for these select other materials or provide a justification and explanation for why it is not proposing an increase. A producer responsibility organization may propose one combined collection target and report one combined collection rate for materials identified in OAR 340-090-0630(3)(h) and (i).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0670

Responsible End Markets

(1) Definition of end market. For purposes of ORS 459A.869(7) and ORS 459A.896(2)(a), end markets are defined by material as follows:

(a) For glass the end market is the entity that first uses the glass in lieu of a virgin material downstream of the beneficiation plant, if any, where bottles are crushed, for example a bottle manufacturer, fiberglass manufacturer or pozzolan (used to make cement and concrete) producer.

(b) For metal the end market is the entity that smelts the recycled material and produces ingots, sheet, coil, or other materials that are subsequently refabricated into packaging or product.

(c) For paper the end market is the entity that re-pulps the recycled material either into a pulp product that is sold to paper manufacturers or used to produce paper or paperboard products. If paper is recycled in a manner that does not involve repulping (for example, used to produce a wallboard product), the end market is the entity that uses the waste paper to produce a product that is sold without further transformation or manufacturing.

(d) For plastic, except for plastic that is recycled to produce packaging for food or beverage applications or for production of children's products, the end market is the entity that last handles flake or pellet containing recycled plastic prior to sale or transfer to another person

that creates a new product either by placing it into a mold or through extrusion or thermoforming.

(e) For plastic that is recycled to produce packaging for food and beverage applications or for production of children's products, the end market is the entity that places it into a mold for the manufacturer of such packaging or product.

(2) Standard for responsible end markets.

(a) For an end market to be a responsible end market, the end market and all entities in the supply chain leading to the end market must meet the following standards:

(A) Compliant. Meaning the entity follows its own local, state, and national laws (including relevant environmental, labor, and public health laws) and treaty obligations, and is registered and permitted as required by local, state, and national authorities.

(B) Transparent. Meaning the entity is willing to be named and audited, provides chain of custody documentation tracking materials (originating in Oregon) to disposition, maintains record keeping relevant to chain of custody and material disposition in accordance with ORS 459A.962(7), and promptly documents within the chain of custody any penalties, violations or regulatory orders received.

(C) Environmentally-sound. Meaning the entity is willing to be audited and monitored for outdoor air, water and land emissions and disposal; stores and manages waste and recyclables in a way that avoids release into the environment; and manages inputs sustainably. This includes demonstrating adequate emergency response and environmental health, safety, and management plans; and

(D) Achieving adequate recycling yields. Meaning the recycling supply chain recycles or causes to be recycled at least 60 percent of each material listed in the recycling acceptance lists (if applicable, consisting of the uniform statewide collection list developed pursuant to OAR 340-090-0630(4) and ORS 459A.914(4)(b), the producer responsibility organization recycling acceptance list as described in OAR 340-090-0630(3), and the list of specifically identified materials as promulgated and maintained by DEQ pursuant to ORS 459A.917, even if multiple materials are mixed together, with the remaining material managed in a responsible manner and in alignment with Oregon's hierarchy of materials management pursuant to ORS 459.015.

(b) The responsible standard described in subsection (a) of this section applies to all entities in the supply chain after the commingled recycling processing facility or producer responsibility organization collection point (or post-collection in a supply chain without either facility) up to, and including, the end market.

(c) Recycling yield, as stated in section 2(a)(D) of this rule, will be determined as follows:

(A) For all materials except for spiral wound containers or composite containers made of paper and steel, the recycling yield is the amount of the material that was successfully

processed by the end market divided by the amount of the material that entered the recycling supply chain initially.

(B) For spiral wound containers or composite containers made of paper and steel, the recycling yield is the amount of the metal fraction or paper fraction of the material that was successfully processed by the end market, divided by the amount of that fraction that entered the recycling supply chain initially. If the yield of either the metal fraction or of the paper fraction exceeds 60 percent, the composite material is achieving adequate yields.

(C) Calculation of recycling yield shall exclude any contaminants that are included in the bale of received material, as well as incidental materials that are adhered to the received material but are not targeted for recovery, such as tape and staples on corrugated boxes, or inks and labels on most types of packages.

(D) For the purpose of determining whether at least 60 percent of each material is recycled, yield for individual materials that are recycled separately from other materials must be evaluated on the basis of those individual materials. For materials that are mixed together (such as a bale of mixed paper or mixed plastic), yield must be evaluated as follows:

(i) Yield for items listed in OAR 340-090-0630(2)(d) must be evaluated separately from other materials.

(ii) Yield for items listed in OAR 340-090-0630(2)(f) must be evaluated separately from other materials if recycled at a paper mill.

(iii) Yield for items listed in OAR 340-090-0630(2)(k) must be evaluated separately for materials identified in each subparagraph of paragraphs (A) through (E).

(iv) Yield must be evaluated separately for any materials proposed by a producer responsibility organization for addition to the uniform statewide collection list pursuant to ORS 459A.914(4)(b) in a producer responsibility program plan or plan amendment and approved by DEQ under ORS 459A.878, if required by DEQ.

(v) Yield for other materials mixed together may be evaluated in total.

(3) Implementation of the responsibility standard by a producer responsibility organization.

(a) A producer responsibility organization must ensure that materials collected for recycling go to responsible end markets as detailed in ORS 459A.896(2) and this rule by completing the following two steps successively:

(A) First, a producer responsibility organization must, using a screening assessment form provided by DEQ, receive and corroborate written verification from each end market and intermediary supply chain entity that it meets the responsible standard provided by section 2 of this rule.

(B) Next a producer responsibility organization must conduct a more detailed assessment of whether each end market and intermediary supply chain entity meets the responsible

standard provided by section 2 of this rule, either through a verification by the producer responsibility organization as provided by subsection (e) of this rule or through third-party certification from an Environmental Quality Commission-approved program.

(b) For materials described under ORS 459A.869(7)(a) and any other materials collected by a producer responsibility organization (including collected through contract with a producer responsibility organization), a producer responsibility organization must complete the step provided by paragraph (a)(A) by the start date of the program (as defined in OAR 340-090-0720), and the step provided by paragraph (a)(B) within one year of the start date of the program. For such materials added after the start date of the program a producer responsibility organization must complete the step provided by paragraph (a)(A) prior to delivery of the materials to the end market, and the step provided by paragraph (a)(B) within six months of first delivery to the end market.

(c) For materials described under ORS 459A.869(7)(b) and any other materials not collected by the producer responsibility organization, a producer responsibility organization must complete the step provided by paragraph (a)(A) within six months of the program start date (as defined in OAR 340-090-0720, and the step provided by paragraph (a)(B) within 15 months of the start date of the program. For such materials added after the start date of the program a producer responsibility organization must complete the step provided by paragraph (a)(A) within six months of delivery of the materials to the end market, and the step provided by paragraph (a)(B) within 15 months of first delivery to the end market.

(d) If a producer responsibility organization completes the step provided by paragraph (a)(B) prior to and within the timeline of the step provided by paragraph (a)(A), the producer responsibility organization is not required to perform the step provided by paragraph (a)(A).

(e) The producer responsibility verification required by paragraph (a)(B) of this section must contain the following:

(A) A description of how a producer responsibility organization determined that the indicated entity or entities (if final disposition occurred at multiple sites) was the end market;

(B) A list of local, state and national laws and international treaties applicable to the entity as required by section 2(a)(A) of this rule;

(C) Documentation that the end market and intermediary supply chain entities meet all requirements of section 2 of this rule;

(D) Documentation of any noncompliance with the requirements section 2 of this rule.

(E) Documentation of the qualification of the auditor required by section 4 of this rules; and

(F) Certification and signature from the auditor required by section 4 of this rule that the end market meets the requirements of section 2 of this rule.

(f) The detailed verifications required by paragraph (a)(B) of this rule and certification audits required by section 4 of this rule must occur on an annual basis, with the first renewal verification or certification audits occurring within a year of initial certification.

(4) Auditing. To demonstrate compliance with the requirement that materials collected for recycling go to responsible end markets as required by ORS 459A.896(2) and this rule, a producer responsibility organization must conduct auditing and provide audit results in annual reporting to DEQ. These audits must include results of random bale tracking to verify chain of custody and must demonstrate and certify that end markets meet the requirements of section 2 and 3 of this rule. For the purposes of enforcement, DEQ may conduct its own random bale tracking.

(5) Definition of practicable. For purposes of ORS 459A.869(7) and ORS 459A.896(2), practicable actions that may be undertaken by a producer responsibility organization must be determined in accordance with this rule.

(a) Practicable actions may include, but are not limited to, the following:

(A) Providing financial support to help an existing end market that does not meet the standard for responsible under section 2 of this rule or an existing market that is not in alignment with the hierarchy of materials management options under ORS 459A.015(2), to upgrade or change operations to become responsible or aligned with the hierarchy of materials management.

(B) Providing financial support to divert materials to a different end market that is responsible under section 2 of this rule or in alignment with the hierarchy of materials management.

(C) Directing materials to an alternative end market if materials are directly under producer responsibility organization control.

(D) Offering to buy or take ownership of materials to directly control their flow if materials are not already directly under the control of the producer responsibility organization.

(E) Developing a new market for a material.

(b) If the results of an audit under section 4 of this rule show that an end market does not meet the responsible end market standards in section 2 of this rule, the producer responsibility organization must carry out practicable actions to meet the responsible end market standards in section 2 of this rule.

(c) A producer responsibility organization may not claim that an action is not practicable simply because it results in higher costs for the producer responsibility organization. A claim that an action is not practicable must demonstrate costs that are not justified given the resulting societal benefits. A producer responsibility organization must choose one of the following two methods for showing that costs are not justified given resulting societal benefits:

(A) Evaluate the per-ton transactional costs of all possible solutions against the benchmark for average societal benefit of recycling. The benchmark for average societal benefit of recycling is \$2,017 per ton expressed in 2021 dollars, and will be adjusted for inflation no more frequently than once per year. Any adjustment shall be limited to an adjustment using the CPI - U as published by the Bureau of Labor Statistics, using calendar year 2021 as the base year which corresponds to the benchmark value. A per-ton cost lower than the societal benefit benchmark is cost effective and potentially practicable. A per-ton cost higher than the per-ton societal benefit value is not practicable.

(B) Perform an analysis of financial costs and societal benefits customized to the particular materials and practices at hand. A customized approach could be warranted under several circumstances, such as if the material in question has a societal benefit well below the system-wide average.

(d) The department will review and evaluate a producer responsibility organization claim that an action is not practicable due to costs. If the department agrees with the claim, the department will then review the material in question and its inclusion in a recycling acceptance list. If the department's review determines that an action is practicable, then the producer responsibility organization must immediately undertake that action.

(e) DEQ will consult with the Oregon Recycling System Advisory Council prior to deciding if an action is practicable.

(6) Reporting. A producer responsibility organization must append all screening assessments, verification reports, and certification reports conducted in a given quarter to quarterly disposition reports submitted to DEQ pursuant to ORS 459A.887(6).

(7) Application of Oregon's Material Management Hierarchy. In cases of conflict between the elements of Oregon's material management hierarchy under ORS 459.015(2)(c)(C)(i) (preference for recycling pathways that displace more impactful materials) and ORS 459.015(2)(c)(C)(ii) (preference for recycling pathways that best preserve value and molecular structure), DEQ may identify the environmentally preferable option among pathways under consideration.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0680

Producer Responsibility Organization Coordination

(1) Interim coordination.

(a) For the initial program period, if DEQ receives program plans from multiple prospective producer responsibility organizations, DEQ may appoint an interim coordinator to coordinate among the prospective producer responsibility organizations. The interim coordinator will develop an interim coordination plan that meets the criteria of section 2 of this rule. The interim coordinator will serve in its role until December 31, 2026, or until a

coordination plan proposed by the producer responsibility organizations has been approved by DEQ, whichever comes sooner.

(b) From March 31, 2024, onward and prior to the approval by DEQ of a coordination plan developed by the producer responsibility organizations, DEQ may assign interim coordination tasks, including but not limited to those listed in sub-section (c)(A) of this rule, to a producer responsibility organization or to a willing applicant producer responsibility organization. When assigning tasks to a producer responsibility organization DEQ will consider the following criteria during the program plan review:

(A) The qualifications of the producer responsibility organization;

(B) The producer responsibility organization's access to financial resources;

(C) The initial producer membership of the producer responsibility organization; and

(D) The quality of the program plan submitted by the producer responsibility organization.

(c) DEQ may assign interim coordination tasks to approved producer responsibility organizations, or to willing applicant producer responsibility organizations. Approved producer responsibility organizations must begin the interim coordination tasks upon DEQ assigning the task. The tasks required by this subsection include the following:

(A) Setting up single accounting point of contact and invoice processing system for required producer responsibility organization compensation payments, including:

(i) Payment of contamination management fees (ORS 459A.920) and processor commodity risk fees (ORS 459A.923) to commingled recycling processing facilities;

(ii) Compensation to (and associated negotiation with) local governments for service expansion on the basis of the needs assessment (ORS 459A.890(5) and (8)).

(iii) Compensation to local governments for expenses besides service expansion (ORS 459A.890 not including subsection (5)); and

(iv) Compensation to existing depots for service expansion to accommodate products on the producer responsibility organization depot list (ORS 459A.896(1)(a)).

(B) Setting up a system to reconcile expenses amongst producer responsibility organizations, in proportion to modified market share as required by OAR 340-090-0700(2).

(C) Establishing a depot collection system (per ORS 459A.896(1)) that meets collection targets, convenience standards and performance standards established by the Environmental Quality Commission.

(D) Developing and issuing educational materials that promote the uniform statewide collection list and other requirements pursuant to ORS 459A.893.

(d) The interim coordinator will conduct the following tasks in consultation with DEQ and the producer responsibility organizations:

(A) Calculate the modified market share of each producer responsibility organization as required by OAR 340-090-0700(3).

(B) Define the standard product categorization to be used in producer responsibility organization membership fee structures.

(e) The interim coordinator will develop an interim coordination plan meeting the requirements of section 2 of this rule. The interim coordinator will review the draft plan with all prospective producer responsibility organizations and with DEQ, and then produce an updated version for review and approval by DEQ. Once approved by DEQ, producer responsibility organizations must follow the interim plan until it is replaced with a final coordination plan.

(f) DEQ's costs in appointing and overseeing an interim coordinator are costs of administering the provisions ORS 459A.860 to 459A.975.

(2) Standards and requirements for coordination plans.

(a) A producer responsibility organization is responsible for the implementation of an approved coordination plan.

(b) A coordination plan must include:

(A) Identification of the producer responsibility organization coordinating body;

(B) A process for designating a new coordinating body and notifying DEQ in advance;

(C) A process for resolving disputes between producer responsibility organizations and between producer responsibility organizations and local governments and their service providers;

(D) A process by which a producer responsibility organization or multiple producer responsibility organizations will assume responsibilities to implement a coordination plan should the coordinating body be unable to implement the coordination plan;

(E) A process to address coordination in the event a producer responsibility organization ceases implementation of a producer responsibility program; and

(F) A plan for how the producer responsibility organizations will coordinate to ensure that their obligations under provisions ORS 459A.860 to 459A.975 are met.

(c) In reviewing a coordination plan submitted for approval, DEQ will consider whether the coordination plan will ensure:

(A) Achievement of the statewide plastics recycling goal established under ORS 459A.869(9), including development of combined plastic recycling rate projections across all producer responsibility organizations;

(B) Education that promotes the uniform statewide collection list as provided under ORS 459A.893;

(C) A Single-point-of-contact accounting that provides timely funding, reimbursement, and payments required under ORS 459A.860 to 459A.975, including funding, reimbursement and payments related to ORS 459A.890, ORS 459A.896, ORS 459A.920, and 459A.923;

(D) Processes to allocate costs among producer responsibility organizations that are proportional to modified market share as required by OAR 340-090-0700(2);

(E) A consistent statewide system to ensure all Oregon residents can easily identify, understand, and access services provided through ORS 459A.860 to 975, including through consistent messaging and branding, and through a single website listing the services provided by all producer responsibility organizations under ORS 459A.896;

(F) Assurance that all covered products collected for recycling are delivered to responsible end markets and managed according to Oregon's materials management hierarchy, as required by ORS 459A.896(2);

(G) A single point of contact for communicating with the Recycling Council and DEQ, including Recycling Council recommendations and material lists;

(H) Establishment of a recycling depot system that meets collection targets, convenience standards, and performance standards established in OAR 340-090-0640, OAR 340-090-0650, and OAR 340-090-0660;

(I) A process for aggregating data submitted by producer responsibility organizations to calculate and publish modified market shares, identify and publish a list of large producers, and report market share data to DEQ; and

(J) A list of standard product categories that the producer responsibility organizations will use to establish their membership fees pursuant to ORS 459A.884.

(3) Rules establishing processes for submittal, review, approval or rejection, amendment, and revocation of coordination plans.

(a) Producer responsibility organizations must jointly submit a coordination plan to DEQ by February 1, 2026. Once approved, this plan will replace the interim coordination plan described in section 1 of this rule.

(b) DEQ will approve a coordination plan if it determines that the plan adequately meets all requirements of section 2 of this rule.

(c) The coordination plan review period of up to 270 days will consist of the following phases:

(A) DEQ shall approve, approve with conditions, or reject the submittal within 90 days of receiving it. If DEQ rejects the submittal, DEQ will provide comments that discuss the reasons for the rejection.

(B) If DEQ rejects the submittal, the producer responsibility organizations must jointly submit a revised plan no later than 60 days from the date of rejection. The revised submittal must address DEQ's comments on the initial submittal.

(C) DEQ shall approve, approve with conditions, or reject the revised submittal within 90 days of receiving it. If DEQ rejects the revised submittal, DEQ may do the following:

(i) Request that the producer responsibility organizations make further revisions to the plan;

(ii) Direct the producer responsibility organization to make specific revisions to the plan; or

(iii) Issue an order to direct implementation of an alternative coordination plan pursuant to section 4 of this rule.

(D) The producer responsibility organizations must jointly submit a second revised plan, pursuant to paragraph (c)(C)(i) or (ii) of this section, no later than 30 days from the date of second rejection.

(E) If the second revision is not timely or does not meet the coordination plan requirements of section 2 of this rule to DEQ's satisfaction, DEQ may direct specific revisions or issue an order to direct implementation of an alternative coordination plan pursuant to section 4 of this rule. Failure to submit an approvable plan under paragraph D of this subsection is a violation of these rules for purposes of enforcement. If DEQ directs revisions, the producer responsibility organizations must implement the revisions or request a hearing as provided in ORS chapter 183.

(d) Producer responsibility organizations may only change an approved coordination plan through plan amendments. Producer responsibility organizations must submit a coordination plan amendment to DEQ for approval at least 45 days before the change is to take effect. DEQ will approve or reject the amendment request within 45 days of receiving the request. DEQ may, for good cause, allow the producer responsibility organizations to submit an amendment request less than 45 days before the change is to take effect.

(e) DEQ's rejection of a coordination plan or plan amendment does not relieve the producer responsibility organizations or the coordination body from continuing to implement an approved coordination plan.

(f) In accordance with the applicable provisions of ORS chapter 183 relating to contested case proceedings, DEQ may issue an order to suspend, amend, or revoke a coordination plan in whole or in part if it determines that implementation of the coordination plan would:

(A) Present a risk to the environment or public health, or

(B) Have a material impact on the ability of a producer responsibility organization to implement its producer responsibility program plan in compliance with ORS 459A.860 to 459A.975.

(4) DEQ issuance of an order requiring a coordination plan.

(a) If no coordination plan is submitted within the timelines specified in section 3 of this rule, or if DEQ rejects a revised coordination plan pursuant to section 3 of this rule, DEQ may require the producer responsibility organizations to implement a coordination plan by order.

(b) The order will provide a start date and include any requirements DEQ determines are necessary to implement ORS 459A.860 to 459A.975 and related rules. The order may direct a producer responsibility organization to undertake the role of coordinating body and coordinate the implementation of the order and require that all other producer responsibility organizations collaborate with the coordinating body on implementation of the plan.

(c) Failure to adequately implement or comply with an order issued under this section is a violation of these rules.

(d) Within 20 days of the issuance of an order under this section a producer responsibility organization may request a hearing as provided in ORS chapter 183 . If a producer responsibility organization requests such a hearing under ORS chapter 183 the producer responsibility organizations shall continue to implement the order pending the outcome of legal proceedings.

(5) Coordination rules for the entry of new producer responsibility organizations.

(a) If a new producer responsibility organization enters the program in 2026 or later, the approved producer responsibility organizations coordination plan must be updated by plan amendment. If no producer responsibility organization coordination plan has been approved by DEQ, one must be submitted and finalized within one year, subject to the review process outlined in rule OAR 340-090-0680(3). The timelines and procedures provided in section 1 for interim coordination will apply to a new producer responsibility organization before 2026.

(b) If an updated producer responsibility coordination plan is not approved within the one year DEQ may require the implementation of a coordination plan by order pursuant to section 4 of this rule.

(c) During the plan development and review phase under subsection (a), DEQ may revoke the existing coordination plan and reinstate interim coordination pursuant to section 1.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0690

Producer Responsibility Organization Fees

• (1) Program Plan Review Fee. Each producer responsibility organization that submits a plan under ORS 459A.875 will pay a fee of \$150,000 for DEQ's review of the plan. A producer responsibility organization will pay the fee when it submits the plan to DEQ. A plan will not be considered submitted to DEQ until the fee is paid.

(2) Annual Administration Fee. DEQ will assess an annual administration fee each calendar year in the amount of \$4,000,000 for the first four years of the program (2025-2028) and \$3,000,000 for all subsequent years of the program.

(a) DEQ will invoice and a producer responsibility organization must pay the annual administration fee as follows:

(A) In the first program year (covering 2025) DEQ will send a producer responsibility organization a provisional invoice on or before September 1, 2024. DEQ will send a producer responsibility organization a final invoice upon completion of the producer responsibility program plan approval process under ORS 459A.878. A producer responsibility organization will pay the first program year's fee within 30-days of DEQ sending it a final invoice.

(B) In each year after the first program year DEQ will invoice a producer responsibility organization on or before September 1 of the proceeding program year for payment within 30-days of invoicing.

(b) DEQ may at its discretion reduce the fee in a given year if it determines that the full amount is not required to pay the costs of administering, implementing and enforcing the provisions of ORS 459A.860 to 459A.975 in that year.

(c) If DEQ has approved only one producer responsibility organization plan under ORS 459A.878 for a given year that producer responsibility organization will pay the entirety of the annual administration fee.

(d) If DEQ has approved more than one producer responsibility organization plan under ORS 459A.878 for a given year the annual administration fee will be divided among the producer responsibility organizations as follows:

(A) In the first program year the producer responsibility organizations will pay to DEQ equal shares of the annual administration fee. On or before September 1, 2025, DEQ will notify the producer responsibility organizations of the interim modified market share calculations pursuant to OAR 340-090-0700(3). The producer responsibility organizations will reconcile payment with each other such that each producer responsibility organization pays a total amount of the annual administration fee that is proportional to its modified market share.

(B) In each year after the first program year the fee will be divided between the producer responsibility organizations in proportion to their modified market share as determined by OAR 340-090-0700(2).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0700

Market Share

Market share as used in ORS 459A.860 to 968 and related rules is a producer's percentage of all covered products sold in or into this state, as calculated in accordance with this rule.

(1) Methods for Calculating Market Share. Market share will be calculated as follows:

(a) Market share will be denominated by the percentage of weight (mass) of covered product measured in kilograms.

(b) A producer's market share will be calculated by dividing the weight of all covered products sold or distributed by the producer in or into Oregon in a particular program year by the total weight of all covered products sold or distributed by all producers in or into Oregon in that year.

(c) A producer responsibility organization's market share will be calculated by dividing the summed weight of all covered products sold or distributed by all of the producer responsibility organization's member producers in or into Oregon in a particular program year by the total weight of all covered products sold or distributed by all producers in or into Oregon in that year.

(d) A producer must on an annual basis submit market data establishing the weight of covered products sold or distributed in or into Oregon to the producer responsibility organization to which it belongs. Producers must submit a description of their methodology for calculating covered product weight to the producer responsibility organization along with the data. Methodology used must be in accordance with applicable best practices. If estimated market data is submitted by a producer and better market data becomes available that demonstrates the estimates were not accurate, the producer must report corrections to the estimated data to the producer responsibility organization before the next annual reporting deadline.

(c) When submitting market data to DEQ in an annual report, a producer responsibility organization will submit the methodological justifications along with the corresponding data.

(2) Purpose of and Method for Calculating Modified Market Share. If DEQ approves more than one producer responsibility organization plan pursuant to ORS 459A.878, financial obligations of implementation of provisions ORS 459A.860 to 459A.975 will be allocated among the producer responsibility organizations by modified market share, as provided by this section.

(a) Modified market share will be denominated in percentage of financial burden measured in US dollars.

(b) A producer responsibility organization's modified market share will be calculated as follows:

(A) The material-specific unit factor, described in subsection c of this section, is multiplied by the total weight of covered products of each material sold or distributed in or into Oregon by each member producer;

(B) The results of paragraph A for each material and each member producer of the producer responsibility organizations are summed;

(C) the weight of all covered product of each material sold in or into Oregon in a given year is multiplied by the material-specific unit factors and the result for each material are summed;

(D) The result of paragraph B is divided by the result of paragraph C.

(E) The result of paragraph D is a producer responsibility organization's modified market share.

(c) The method and process for calculating material-specific unit factors for individual materials shall be included in any coordination plan approved by DEQ pursuant to OAR 340-090-0640. During the period of interim coordination pursuant to OAR 340-090-0640(1), DEQ will contract with an independent organization to develop an index of material-specific unit factors.

(3) Interim Reporting of Market Share. By August 1, 2025, a producer responsibility organization must report information that will be used to calculate "interim market share" and "interim modified market share" for the 2025 program year to DEQ. Interim market share is estimated market share for July 1 - December 31, 2025, calculated from estimates of the weight of covered product sold into Oregon by each member producer, organized by type of material. Interim modified market share is estimated modified market share for July 1 - December 31, 2025, calculated from these same producer estimates. Pursuant to ORS 459A.869(12), a producer responsibility organization's minimum interim market share is 10%.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

• **OAR 340-090-0710**

Proprietary Information

(1) For purposes of ORS 459A.860 to 975 "proprietary information" is information protected as a trade secret under the Uniform Trade Secrets Act.

(2) A party providing information to DEQ that it considers proprietary or otherwise confidential must, at the time it provides the information, specify that the information is proprietary or otherwise not subject to disclosure. The claim must be assigned to specific information and not a generalized statement.

(3) DEQ may require at any time that a claimant substantiate its claim that information is proprietary or confidential.

(4) Notwithstanding section 1 of this rule, the following information is not proprietary for purposes of ORS 459A.860 to 975:

(a) Information that is already publicly available and where any potential economic value is derived solely from compilation;

(b) The market shares of producer responsibility organizations;

(c) The list of the top 25 producers in Oregon by market share in alphabetical order, and

(d) The list of end markets of Oregon's waste including the business or person name; city, state, region, and country; identity of the material received; and amount received, excluding the names of the commingled recycling processing facilities where the waste originated.

(5) If necessary for the implementation or enforcement of ORS 459A.860 to 975, DEQ may bring proprietary information to the attention of a producer responsibility organization, provided that the producer responsibility organization agrees to treat the information in accordance with the limitations in statute and rule.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0720

Program Calendar

(1) The first three-year producer responsibility program plan period will include the 2025, 2026, and 2027 calendar years. It will run from July 1, 2025 (or earlier in 2025, if stipulated in approved program plan) to December 31, 2027.

(2) Subsequent producer responsibility program plan periods will run for five-year increments beginning on January 1 and ending on December 31 (the first set of updated plans will be valid from a start date of January 1, 2028 through to an end date of December 31, 2032).

(3) Prospective new producer responsibility organizations may submit program plans on the same calendar as renewal applicants (180 days before the end of a program period) and may also submit plans at other times (for example, midstream in a program period) upon petitioning DEQ and receiving advance approval.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0730

Producer responsibility organizations with less than 10 percent market share

• (1) If DEQ determines that a producer responsibility organization's market share has fallen below the 10 percent threshold provided by ORS 459A.869(12), DEQ shall:

(a) Issue notification to the producer responsibility organization of the intent to revoke plan;

(b) Begin a 60-day review process, during which the producer responsibility organization may describe any actions it will undertake to exceed the 10 percent threshold;

(c) After the conclusion of the 60-day review period, issue either an order revoking the producer responsibility organization's program plan or a notification that the plan will not be revoked; and

(2) If DEQ revokes a plan under this rule the producer responsibility organization must notify its producer members. Producer responsibility organization members will have 60 days to transition to another producer responsibility organization.

(3) If DEQ notifies a producer responsibility organization that a plan will not be revoked, pursuant to subsection 1(c) of this rule, DEQ may include any of the actions described by the producer responsibility organization pursuant to subsection 1(b) of this rule as conditions on its decision not to revoke the plan.

(4) An order revoking a plan under this rule may be appealed as provided in ORS chapter 183.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0740

Reporting for plastic goal

To enable DEQ to assess progress toward the statewide plastic recycling goal, a producer responsibility organization's annual reporting of the weight of plastic packaging and food serviceware sold in Oregon by member producers must use a product categorization that aligns with the uniform statewide collection list categorization of products, as required under ORS 459A.887(2)(c).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0750

Program plan amendments and producer responsibility organization fees

(1) A producer responsibility organization's routine, annual updating of base fee rate amounts to align with the most recent sales information received from member producers does not constitute a method change and will not require a program plan amendment.

(2) Changes to fee structure or method of calculating fees constitute a method change and will require a program plan amendment.

(3) A producer responsibility organization may request provisional approval of a plan amendment if it needs to implement a fee structure method change rapidly due to financial urgency. If such a request is made, DEQ will respond within 30 days . If provisional approval is granted, the producer responsibility organization may implement the fee schedule method change on a provisional basis while the process for final approval, pursuant to ORS 459A.878, is ongoing. If the plan amendment is ultimately not approved, the producer responsibility organization must correct its member accounts to reverse the provisional change.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0760

Producer responsibility organization membership fees

A material is accepted by recycling collection programs in this state, for the purpose of ORS 459A.884(3), only if it is designated by rule on the Local Government Recycling Acceptance List, pursuant to OAR 340-090-0630(2), or the Producer Responsibility Organization Recycling Acceptance List, pursuant to OAR 340-090-0630(3), or otherwise has been added to the Uniform Statewide Collection List by the mechanism provided for in ORS 459A.914(4)(b).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

340-090-0770

Local Government Transportation Costs Reimbursement

(1) A producer responsibility organization must pay the costs of transporting covered products from a recycling depot or recycling reload facility to a commingled recycling processing facility or a responsible end market as provided by ORS 459A.890(2) and this rule.

(2) Transportation costs must be based on the actual costs of managing and transporting covered products that must be shipped more than 50 miles.

(3) The 50-mile distance in section 2 of this rule and ORS 459A.890(2)(b)(E) is the shortest driving distance to the nearest commingled recycling processing facility or a responsible end market with capacity to accept the material and applies to covered products as stated in subsections (a) through (d) of this section.

(a) If the material is fully commingled, the distance measured is to the nearest commingled recycling processing facility with capacity to accept the material.

(b) If the material is collected separately (for example glass) or is not fully commingled and requires further sorting or processing before being received by a responsible end market, then the distance is measured to the nearest processing or sorting facility that will prepare the material and send it to a responsible end market.

(c) If the material is collected separately and in a condition that would allow it to be received directly by a responsible end market without additional processing, then the distance is measured to a responsible end market.

(d) If a separated material or a group of materials is initially taken to a commingled recycling processing facility or other processing facility and the material requires additional processing or sorting before it can be accepted by a responsible end market, then the distance is measured to the initial commingled recycling processing facility or other processing facility. The producer responsibility organization is not responsible under this rule for paying the transportation costs associated with the transport of material from the initial commingled recycling processing facility or other processing facility to additional processing facilities or a responsible end market.

(4) Costs to receive, consolidate, load and transport covered products include, but are not limited to, purchasing and maintaining equipment, signage, and other similar costs of operating the recycling depot or recycling reload facility not already covered under other sections of ORS 459A.860 through ORS 459A.975.

(5) Transportation costs include administrative costs related to the activities described in ORS 459A.890(2). Administrative costs include, but are not limited to, costs related to staffing and the hiring and managing of staff.

(6) Transportation costs do not include the proportion of a shipment of recyclable material that is not covered products, as provided by ORS 459A.890(2)(b)(C). Costs that are not

eligible for payment under ORS 459A.890(2)(b)(C) will be determined as stated in subsections (a) through (c) of this section.

(a) Until completion of the study described in subsection (b) of this section, a producer responsibility organization will use data from the 2023 Oregon Solid Waste Characterization and Composition Study to determine the proportion of a shipment of recyclable material that is not covered products.

(b) Starting in 2027, and at least once every five years thereafter, a producer responsibility organization must fund a study to determine the proportion of collected recyclable material that is covered product and is eligible for transportation costs reimbursement. The study will include the following:

(A) The study will provide statewide averages for the proportion of covered material in commingled recyclable material, recyclable material that is collected separately and recyclable material that is not fully commingled. For the latter two categories the study may provide different averages for different materials as appropriate.

(B) Study protocols and timing must be included in the producer responsibility organization's program plan and will be approved as a part of plan approval under ORS 459A.878. If multiple producer responsibility organization program plans are approved by DEQ, the producer responsibility organizations' coordinating body will undertake one study and submit a joint study protocol to DEQ for approval in the manner provided by DEQ.

(C) Upon completion of a study, a producer responsibility organization, or coordinating body, will use the statewide averages from the study to determine the proportion of a shipment of recyclable material that is not covered products.

(c) If a local government, a local government's service provider or a producer responsibility organization believes that the local commingled recycling stream has a substantially different proportion of recyclable material that is not covered products compared to the statewide average, then a local government, a local government's service provider or a producer responsibility organization may, at their own expense, conduct a study to better determine the proportion of recyclable material that is not covered products in the local collected commingled recycling stream. The party conducting the study will provide the other parties and DEQ at least 30 days to comment on study methods. The dispute resolution process in the producer responsibility organization's approved program plan shall apply to any dispute between the producer responsibility organization, or a coordinating body, and the local government or local government's service provider regarding a study performed under this subsection. Upon completion of the study and subject to dispute resolution and DEQ concurrence, the averages determined in the study will be used by a producer responsibility organization, or a coordinating body, and the local government or local government's service provider that performed the study.

(7) Transportation costs include the cost to receive, consolidate, and load covered products. If a shipment of material contains both covered products and material that is not covered products, the cost a producer responsibility organization, or a coordinating body, must pay

to receive, consolidate and load are the costs associated with the covered product. If such costs associated with the covered products cannot be separated from such costs associated with material that is not covered product and a producer responsibility organization and a local government or local government's service provider cannot otherwise agree on the payment of such costs, the producer responsibility organization, or coordinating body, will pay the total cost to receive, consolidate and load the material reduced by the estimated proportion of the material that is not covered product.

(8) For purposes of this rule, material is not fully commingled if a load of recyclable material intended to be transported to a commingled recycling processing facility contains some but not all the material listed on the Uniform Statewide Collection List.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0780

Method for Determining Payment of Transportation Costs

(1) A producer responsibility organization must include in a program plan submitted under ORS 459A.875 methods for calculating transportation costs.

(a) Methods may include rate schedules or zonal maps specific to locations and materials, periodic adjustments for fuel prices or other variable factors.

(b) Methods must account for proximity to an appropriate commingled recycling processing facility or responsible end market that has capacity to process or recycle the material and other factors that could affect transportation costs.

(c) Methods must include a voluntary option that allows service providers to transfer some or all transportation responsibilities to the producer responsibility organization or coordinating body.

(d) A producer responsibility organization must share a draft approach and seek feedback from local governments and local government service providers to develop the proposed methods.

(e) DEQ will consider feedback from local governments and local government service providers on the method proposed by the producer responsibility organization in determining whether to approve the method as part of the producer responsibility plan under ORS 459A.878. DEQ may require a producer responsibility organization to amend an approved program plan at any time if the department determines that the approved methods are not adequate.

(f) A producer responsibility organization must implement the method for paying transportation costs approved as part of its program plan.

(2) A producer responsibility organization, or a coordinating body, a local government or designated local government's service provider and DEQ may agree in writing to use an

alternative method of calculating transportation costs that is not approved as part of the program plan, provided that the alternative method complies with ORS 459A.890(2)(c) and any other applicable requirements.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0790

Expansion of Service

(1) The program plan must describe how the producer responsibility organization will implement the requirements of ORS 459A.890(5), this section and OAR 340-090-0800. The producer responsibility plan must include:

(a) A schedule for implementing collection program expansions and improvements throughout the state;

(b) For the initial program plan period only (July 2025 through December 2027), a plan for how the producer responsibility organization will implement expansion of collection services according to the following order of priority:

(A) Highest priority shall be given to local governments that are not, or will not be, able to provide the opportunity to recycle as stated in ORS 459A.005 and ORS 459A.007, in the absence of producer responsibility organization funding.

(B) Existing recycling depots to provide for the collection of any materials that were formerly collected on-route by the local government or a local government's service provider, as needed to ensure continuation of recycling opportunities.

(C) Existing recycling depots to provide for the collection of any materials that are not currently or were not formerly collected on-route by the local government or the local government's service provider.

(D) Local governments with populations less than 4,000, according to the Portland State University Population Research Center's most recent Population Estimate Report, or such other estimate approved by the department, regardless of whether they are looking to add new service or expand existing services.

(E) Local governments of any size that are looking to add new on-route or recycling depot service.

(F) All other local governments that are looking to expand existing on-route collection, recycling depots or both, in order of ascending population.

(c) For program plan periods after the initial period described in subsection (b) of this section, DEQ may provide guidance to a producer responsibility organization, or coordinating body, for the inclusion of any priority for implementing the expansion of collection service in a renewed program plan.

(d) A method for determining advanced funding or reimbursement amounts under ORS 459A.890(5), consistent with OAR 340-090-0810.

(e) An estimate of the total amount of funds that will be made available to each local government included in DEQ's needs assessment under ORS 459A.890(5) per year; and

(f) Sample forms with details to be included in reimbursement or advanced funding requests from local governments or a local government's service provider authorized by a local government to provide services under ORS 459A.890.

(2) A producer responsibility organization must submit an amendment to a producer responsibility program plan according to ORS 459A.881 when responding to a new needs assessment provided by DEQ according to ORS 459A.890(8) and OAR 340-090-0800

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0800

Expansion of Service Funding and Needs Assessment

• (1) Costs associated with the expansion and provision of recycling collection service for covered products, as provided by ORS 459A.890(5) are eligible costs for funding or reimbursement by a producer responsibility organization.

(a) A producer responsibility organization must provide funding for activities requested by local governments through the periodic needs assessment including, but not limited to:

(A) Adding new services,

(B) Expanding services, or

(C) Adding or expanding recycling depots as needed to provide convenient recycling opportunities.

(b) A producer responsibility organization, or coordinating body, will not provide funding for expansion that is inconsistent with the finalized terms of expansion between the producer responsibility organization, or coordinating body, and the local government or a local government's service provider.

(c) Eligible costs under ORS 459A.890(5) and include but are not limited to:

(A) Start-up costs for on-route programs including but not limited to:

(i) Trucks,

(ii) Collection containers, roll carts, or both,

(iii) On-board contamination monitoring equipment and software,

(iv) New program promotional literature,

(v) The process of hiring and training staff,

(vi) Staff safety equipment, and

(vii) Recycling reload facilities for reloading recyclables, including but not limited to any equipment necessary for moving, compacting, baling and loading recyclables for shipment for the recycling reload facility, provided that the facility is necessary, and no other facility is available or existing facilities are inadequate.

(B) Start-up and operational costs for recycling depots, including but not limited to:

(i) Land acquisition,

(ii) Site preparation or other start-up costs,

(iii) Collection containers,

(iv) Signage,

(v) On-site monitoring equipment,

(vi) Equipment to move, compact, bale and load recyclables for shipment,

(vii) Hiring and training staff,

(viii) Staff safety equipment, and

(ix) Operational costs,

(2) DEQ must conduct statewide needs assessments periodically in accordance with ORS 459A.890(8)(a).

(a) Local governments that request services through the periodic needs assessment will commit to providing additional services with an agreement with the producer responsibility organization, or coordinating body, after working with the producer responsibility organization, or coordinating body, to determine the details to be implemented according to 459A.890 (5)(b).

(b) Expansion of service commitments will be implemented by the local government and the local government's service providers, with the producer responsibility organization, or coordinating body, providing financial and educational assistance to the committed effort during the first approved producer responsibility program plan.

(c) DEQ may conduct up to two local government needs assessments for the producer responsibility organization, or coordinating body, to respond to for each subsequent program plan according to ORS 459A.875.

(d) For expansion that is to occur at the beginning of a program plan subsequent to the initial program plan, DEQ will submit information to the producer responsibility organization, or coordinating body, from a local government needs assessment 18 months before the current program plan is due to expire.

(e) For expansion that is to occur mid-program plan, DEQ may submit information from a local government needs assessment at least four years before the current program plan is due to expire.

(f) When DEQ sends a local government needs assessment report to a producer responsibility organization, or coordinating body, within four years of the current program plan expiration, the producer responsibility organization, or coordinating body, must submit a program plan amendment to DEQ to address the service expansion interest from the needs assessment within 180 days.

(A) Upon completion of a request for expansion of service, any unused advanced funding provided by a producer responsibility organization, or coordinating body, to a local government or local government's service provider, for the purposes of funding that expansion request, must be returned to the producer responsibility organization, or coordinating body, within 60 days of completion of the expansion request. An invoice detailing how the local government or local government's service provider used the advanced funding must also be provided.

(B) Upon request of DEQ, a local government or a local government's service provider must demonstrate to DEQ's satisfaction that the funding a local government or a local government's service provider received was used for its intended purpose.

• (4) A local government must identify to DEQ service providers that are authorized to receive advanced funding or reimbursement directly, as described in this rule, from the producer responsibility organization, or coordinating body, via a process to be determined by the department. If for any reason a service provider to the local government changes, the local government is responsible for informing DEQ of that change.

(5) A local government and service providers authorized by a local government to provide services, that has received funds for expansion or improvements to recycling collection under ORS 459A.890 and this rule must report to the producer responsibility organization, or coordinating body, when the expansion or improvements have been fully implemented. A local government or a local government's service provider authorized by a local government to provide services must also report the status of implementation to the producer responsibility organization, or coordinating body, on an annual basis for any funded collection program that has not been fully implemented, so that the producer responsibility organization, or coordinating body, may include that information in the annual report required under ORS 459A.887.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR-340-090-0810

Local Government Compensation and Invoicing

(1) A local government, a local government's service provider, or other person authorized by a local government to receive payment, may request advanced funding or reimbursement of costs pursuant to ORS 459A.890.

(a) A producer responsibility organization must include in its program plan the following:

(A) A method for determining advanced funding or reimbursement amounts under ORS 459A.890(5).

(B) A description of the process a local government, a local government service provider or other persons authorized by a local government to receive payment must follow to invoice the producer responsibility organization for reimbursement of costs or advanced funding. The information provided may include sample forms for reimbursement or advanced funding requests.

(b) A local government, a local government's service provider, or other person authorized by a local government to receive payment may not submit a reimbursement invoice to a producer responsibility organization, or coordinating body, more than once per month.

(c) A local government's service provider, or other person authorized by a local government to receive payment, may submit an invoice jointly on behalf of multiple local governments. The local government-authorized entity submitting the joint invoice must list all jurisdictions represented and provide documentation from each jurisdiction that approves of the reimbursement request or otherwise authorizes them to seek funding on the local government's behalf.

(d) If a local government, a local government's service provider, or other person authorized by a local government to receive payment, receives advanced funding pursuant to ORS 459A.890, the local government must return to the producer responsibility organization that provided the funds any funds not used for the purposes for which they were provided within 60 days of completion of the project.

(2) For the purpose of determining the population of a local government pursuant to ORS 459A.890(4)(b), a local government may rely on the Portland State University Population Research Center's most recent, certified Population Estimate Report, or such other estimate approved by the department. A local government, a local government's service provider, or other person authorized by a local government to receive payment, must use the most recent population estimate at the time of its reimbursement request.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975



DIVISION 90 RECYCLING AND WASTE REDUCTION

340-090-0005

Purpose

OAR 340-090-0005 to 0510 establish the minimum requirements for providing the opportunity to recycle. These rules also describe the standards for waste prevention, reuse, recovery, and recycling programs in Oregon. The rules are adopted under the authority of ORS 459.045, 459A.025 and 468.020. These rules relate to the requirements of ORS 459.015, 459.250, 468.862 and Chapter 459A.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.010, 459A.025 & 459A.575

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0005

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0010

Definitions

The definitions in this rule apply to OAR 340-090-0005 to 0510, and OAR Chapter 340 Division 91. Unless otherwise specified:

(1) "Affected person" means a person or entity involved in the solid waste collection service process including but not limited to a recycling collection service, disposal site permittee or owner, city, county and metropolitan service district. For the purposes of these rules "affected person" also means a person involved in operation of a place to which persons not residing on or occupying the property may deliver source separated recyclable material.

(2) "Collection service" means a service that provides for collection of solid waste or recyclable material or both, but does not include that part of a business operated under a certificate issued under ORS 822.110. "Collection service" of recyclable materials does not include a place to which persons not residing on or occupying the property may deliver source separated recyclable material.

(3) "Collection service customers" includes: residential and commercial customers of a collection service as defined in ORS 459.005, and also, as of July 1, 2026, the multi-family

residential and commercial tenants of landlords or property managers that are customers of a collection service for the benefit of their tenants.

(4) "Collector" means the person who provides collection service.

(5) "Commercial" means stores, offices including but not limited to manufacturing and industry offices, restaurants, warehouses, schools, colleges, universities, hospitals, prisons, and other institutions and non-manufacturing entities. "Commercial" does not include manufacturing activities or business, manufacturing, or processing activities in residential dwellings.

(6) "Composting" means the managed process of controlled biological decomposition of organic or mixed solid waste. It does not include composting for the purposes of soil remediation. Compost is the product resulting from the composting process. "Composting" includes both aerobic composting and anaerobic digestion.

(7) "Consumer of newsprint" means a person who uses newsprint in a commercial or government printing or publishing operation.

(8) "DEQ" means the Department of Environmental Quality.

(9) "Depot" means a place for receiving source separated recyclable material.

(10) "Director" means the Director of the Department of Environmental Quality.

(11) "Disposal site" means land and facilities used for the disposal, handling or transfer of or energy recovery, material recovery, and recycling from solid wastes, including but not limited to dumps, landfills, sludge lagoons, sludge treatment facilities, disposal sites for septic tank pumping or cesspool cleaning service, transfer stations, energy recovery facilities, incinerators for solid waste delivered by the public or by a collection service, composting plants and land and facilities previously used for solid waste disposal at a land disposal site ; but the term does not include a facility authorized by a permit issued under ORS 466.005 to 466.385 to store, treat or dispose of both a hazardous waste and solid waste; a facility subject to the permit requirements of ORS 468B.050; a site which is used by the owner or person in control of the premises to dispose of soil, rock, concrete or other similar nondecomposable material, unless the site is used by the public either directly or through a collection service; or a site operated by a wrecker issued a certificate under ORS 822.110.

(12) "Energy intensive materials" means metals, paper, plastic, and food, including products that are primarily made of metals, paper, or plastic, such as some furniture, small and large appliances, and consumer electronics.

(13) "Energy recovery" means recovery in which all or a part of the solid waste materials are processed to use the heat content, or other forms of energy, of or from the material.

(14) "EQC" means the Environmental Quality Commission.

(15) "Food rescue" means the practice of safely retrieving wholesome food still fit for human consumption that would otherwise be left unharvested or go to animal feed or a composting facility, anaerobic digestion facility, energy recovery facility, or other disposal site and redistributing that food through a food assistance program.

(16) "Food waste" means waste from fruits, vegetables, meats, dairy products, fish, shellfish, nuts, seeds, grains, and similar materials that results 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.

(17) "Franchise" includes a franchise, certificate, contract or license issued by a local government unit authorizing a person to provide solid waste management services.

(18) "Generator" means a person who last uses a material and makes it available for disposal or recycling.

(19) "Glass container manufacturer" means a person that manufactures new glass containers in Oregon or that manufactures new glass containers outside Oregon sold by the manufacturer to packagers located in Oregon.

(20) "Industrial waste" means solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under ORS Chapters 465 and 466. Such waste may include, but is not limited to, waste resulting from the following processes: Electric power generation; fertilizer/agricultural chemicals; food and related products/by-products; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay and concrete products; textile manufacturing; transportation equipment; water treatment; and timber products manufacturing. This term does not include construction/demolition waste; or municipal solid waste from manufacturing or industrial facilities such as office or "lunch room" waste, or packaging material for products delivered to the generator.

(21) "Infrastructure support" means in-kind contributions in support of reuse, repair, leasing or sharing of efforts to reduce waste, such as: local government staff time; franchisee staff time; space at facilities owned, permitted, or franchised by a local government; space for meetings, storage, or display of materials; equipment; access to land; and access to vehicles.

(22) "Land disposal site" means a disposal site in which the method of disposing of solid waste is by landfill, dump, pit, pond, lagoon or land application.

(23) "Local government" means a political subdivision that regulates either solid waste collection, disposal, or both, including but not limited to incorporated cities, municipalities, townships, counties, parishes, regional associations of cities and counties, tribal reservations, and metropolitan service districts, but not including sewer districts, fire districts, or other political subdivisions that do not regulate solid waste.

(24) "Local government unit" means the territory of a political subdivision that regulates either solid waste collection, disposal, or both, including but not limited to incorporated cities, municipalities, townships, counties, parishes, regional associations of cities and counties, tribal reservations, and metropolitan service districts, but not including sewer districts, fire districts, or other political subdivisions that do not regulate solid waste. If a county regulates solid waste collection within unincorporated areas of the county but not within one or more incorporated cities or municipalities, then the county local government unit must be considered as only those areas where the county directly regulates solid waste collection.

(25) "Material recovery" means any process of obtaining from solid waste, by presegregation or otherwise, materials that still have useful physical or chemical properties and can be reused, recycled or composted for some purpose.

(26) "Metropolitan service district" means a district organized under ORS Chapter 268 and exercising solid waste authority granted to such district under ORS Chapters 268, 459, and 459A.

(27) "Multi-family" means dwellings of five or more units.

(28) "Newsprint" means paper meeting the specifications for Standard Newsprint Paper and Roto Newsprint Paper as set forth in the 2023 HTSA Supplement edition of the Harmonized Tariff Schedule of the United States for such products. (See Figure 1.)

(29) "On-route collection" means pick up of source separated recyclable material from the generator at the place of generation.

(30) "On-site collection" has the same meaning as on-route collection.

(31) "Opportunity to recycle" means those activities described in OAR 340-090-0020, 340-090-0030, 340-090-0040, 340-090-0041, 340-090-0042, 340-090-0050 and 340-090-0080.

(32) "Permit" means a document issued by DEQ bearing the signature of the director or the director's authorized representative and that by its conditions may authorize the permittee to construct, install, modify, operate or close a disposal site in accordance with specified limitations.

(33) "Person" means the United States, the state or a public or private corporation, local government unit, public agency, individual, partnership, association, firm, trust, estate or other legal entity.

(34) "Post-consumer waste" means a finished material that would normally be disposed of as solid waste, having completed its life cycle as a consumer item. Post-consumer waste does not include manufacturing waste.

(35) "Recyclable material" means any material identified for recycling collection under ORS 459A.914 or any other material or group of materials that can be collected and sold for

recycling at a net cost equal to or less than the cost of collection and disposal of the same material.

(36) "Recycled-content newsprint" means newsprint that includes post-consumer waste paper.

(37) "Recycling" means any process by which solid waste materials are transformed into new products in such a manner that the original products may lose their identity.

(38) "Residential" means single family dwellings and multi-family dwellings having four or fewer units.

(39) "Reuse" means the return of a commodity into the economic stream for use in the same kind of application as before without change in its identity.

(40) "Solid waste" means all useless or discarded putrescible and nonputrescible materials, including but not limited to garbage, rubbish, refuse, ashes, paper and cardboard, sewage sludge, septic tank and cesspool pumpings or other sludge, useless or discarded commercial, industrial, demolition and construction materials; discarded or abandoned vehicles or parts thereof; discarded home and industrial appliances; manure, vegetable or animal solid and semisolid materials, dead animals and infectious waste as defined in ORS 459.386. "Solid waste" does not include:

(a) Hazardous wastes as defined in ORS 466.005;

(b) Materials used for fertilizer, soil conditioning, humus restoration, or for other productive purposes or which are salvageable for these purposes and are used on land in agricultural operations and growing or harvesting crops and raising fowls or animals, provided the materials are used at or below agronomic application rates, or

(c) Woody biomass that is combusted as a fuel by a facility that has obtained a permit described in ORS 468A.040.

(41) "Solid waste management" means: preventing or reducing solid waste; managing the storage, collection, transportation, treatment, utilization, processing and final disposal of solid waste, recycling, reuse and material or energy recovery from solid waste; and facilities necessary or convenient to such activities.

(42) "Source separate" means that the person who last uses recyclable material separates the recyclable material from other solid waste.

(43) "Technical assistance" means assistance in support of reuse, repair, leasing or sharing provided to businesses or non-profit staff or programs, such as: program design and implementation; publicizing and promoting opportunities through channels such as directories of reuse and repair operations; research to support technical assistance efforts; and expending funds to hire specialists or contractors who provide information and advice in topics such as business planning, operations, facility design, market research, and marketing.

(44) "Toxic materials" means products or other materials that contain chemicals or groups of chemicals on DEQ's Toxics Focus List or that DEQ otherwise designates as "toxic."

(45) "Urbanized area" means, for jurisdictions within the State of Oregon, the territory within the urban growth boundary of each city of 4,000 or more population, or within the urban growth boundary established by a metropolitan service district. For jurisdictions outside the State of Oregon, "urbanized area" means a geographic area with substantially the same character, with respect to minimum population density and commercial and industrial density, as urbanized areas within the State of Oregon.

(46) "Waste prevention" means reducing the amount of solid waste generated or resources used, without increasing toxicity, in the design, manufacture, purchase or use of products or packaging. "Waste prevention" does not include reuse, recycling or composting.

(47) "Waste prevention campaign" means an organized effort intended to change one or more specific behaviors or practices that reduces the amount of solid waste generated or resource used without increasing toxicity in the design, manufacture, purchase, or use of products or packaging. A food rescue program is not a waste prevention campaign for the purpose of complying with sections OAR 340-090-0042(3) or (4).

(48) "Wasteshed" means the areas of the state of Oregon as defined in ORS 459.005 and listed in ORS 459A.010 and OAR 340-090-0050.

(49) "Yard debris" means vegetative and woody material generated from residential property or from commercial landscaping activities. This includes grass clippings, leaves, hedge trimmings and similar vegetative waste but does not include stumps or similar bulky wood materials.

[\[ED. NOTE: To view attachments referenced in rule text, click here to view rule.\]](#)

Statutory/Other Authority: ORS 459.045, 459A.100 - 459A.120 & 468.020

Statutes/Other Implemented: ORS 459A.005 & 459A

History:

[DEQ 48-2017, minor correction filed 12/14/2017, effective 12/14/2017](#)

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 10-1994, f. & cert. ef. 5-4-94

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0010

DEQ 1-1989, f. & cert. ef. 1-27-89

DEQ 5-1988, f. & cert. ef. 2-2-88

DEQ 7-1987, f. & cert. ef. 3-18-87

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0015

Scope and Applicability

(1) OAR 340-090-0005 to 0510 describes the requirements for waste reduction and recycling programs for residential and commercial solid wastes.

(2) The requirements in OAR 340-090-0005 to 0510 apply to local governments generally and where specified to landfill owners/operators, solid waste collection services, and other persons.

(3) OAR chapter 340, division 90 is adopted under the authorities in ORS Chapter 459 and 459A and should be used in conjunction with the laws of the State of Oregon.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.010, 459A.020, 459A.025, 459A.030, 459A.035, 459A.040, 459A.050, 459A.055, 459A.060, 459A.065, 459A.070, 459A.075, 459A.080, 459A.085, 459A.100, 459A.110, 459A.115 & 459A.120

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92 (and corrected 1-5-93)

340-090-0020

Opportunity to Recycle

The opportunity to recycle as set forth in ORS 459A.005, 459A.007, 459A.008 and 459A.010, includes at a minimum the requirements described in OAR 340-090-0030, 340-090-0040, 340-090-0042, and 340-090-0050. The appropriate city, county, or metropolitan service district, may request approval of an alternative program for meeting the requirements of the opportunity to recycle under OAR 340-090-0080.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0020

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0030

General Requirements

(1) The city, county, or metropolitan service district responsible for solid waste management must ensure that a place for collecting source separated recyclable materials identified in OAR 340-090-0630(4)(a) is located at each permitted disposal site or located at an alternative location in the jurisdiction that is more convenient to the population being served by the disposal site.

(2) Effective July 1, 2025 to January 1, 2027, a city, county or metropolitan service district, a local government's service provider or a commingled recycling reload facility may not deliver to a commingled recycling processing facility commingled recyclables that were collected pursuant to the uniform statewide collection list established under ORS 459A.914 unless:

(a) At the time the city, county or metropolitan service district, the local government's service provider or the commingled recycling reload facility delivered or contracted to deliver or transport materials to the commingled recycling facility:

(A) the commingled recycling facility held a valid permit issued under ORS 459A.955; or

(B) For a commingled recycling facility located outside of this state:

(i) The facility held a valid certificate issued under ORS 459A.956; or

(ii) The facility certified that it otherwise met the requirements of ORS 459A.955 or 459A.956, even though the facility did not hold a permit or certificate.

(b) Within six months after the DEQ completes a report under ORS 459A.932, the commingled recycling processing facility has taken steps to implement any recommendations of the report related to providing opportunities in the recycling industry for women and minority individuals as defined in ORS 200.005.

(3) Effective January 1, 2027, a city, county or metropolitan service district, a local government's service provider or a commingled recycling reload facility may not deliver to a commingled recycling processing facility commingled recyclables that were collected pursuant to the uniform statewide collection list established under ORS 459A.914 unless:

(a) At the time the city, county or metropolitan service district, a local government's service provider or the commingled recycling reload facility delivered or contracted to deliver or transport materials to the commingled recycling facility:

(A) the commingled recycling facility held a valid permit issued under ORS 459A.955; or

(B) For a commingled recycling facility located outside of this state:

(i) The facility held a valid certificate issued under ORS 459A.956; or

(ii) The facility certified that it otherwise met the requirements of ORS 459A.955 or 459A.956, even though the facility did not hold a permit or certificate.

(b) The processor ensures the health, safety and wellness of workers at the facility regardless of whether the workers are employees, independent contractors or employees of another business.

(c) The processor provides workers at the facility with a living wage and supportive benefits, as defined by the rule by the Environmental Quality Commission.

(d) Within six months after the DEQ completes a report under ORS 459A.932, the commingled recycling processing facility has taken steps to implement the recommendations of the report related to providing opportunities in the recycling industry for women and minority individuals as defined in ORS 200.005.

(4) Effective January 1, 2026 a city, county, or metropolitan service district shall ensure that rolcars, bins and containers purchased by its service providers are manufactured from at least 10 percent post-consumer recycled material and are certified by an independent verification standard, such as the Postconsumer Resin Certification Program established by the Association of Plastics Recyclers.

(5) Effective July 1, 2025, except as provided by ORS 459A.914(6), a material may not be collected as part of a commingled recycling program unless the material is identified for collection as part of a commingled recycling program on the uniform statewide collection list.

(6) For purposes of sections (2) through (5) of this rule the terms “commingled recycling,” “commingled recycling processing facility,” “local government’s service provider,” and “recycling reload facility” have the meaning provided by ORS 459A.863.

(7) Each city that is within a metropolitan service district or with a population of at least 4,000 and each county that is responsible for the area between city limits and the urban growth boundary of the city or the area outside the city limits but within a metropolitan service district shall:

(a) Provide on-route collection service for source separated recyclable materials identified in OAR 340-090-0630(4)(b) at least once a month for all collection service customers within the city limits and within the urban growth boundary or metropolitan service district but outside of the city limits.

(b) Effective July 1, 2026 for the recycling collection of materials identified on the uniform statewide collection list at multifamily properties:

(A) Ensure adequate space for collection.

(B) Demonstrate a plan to ensure adequate space and access for collection vehicles after new construction or significant remodels.

(C) Update or establish service standards for service providers to provide adequate service volume or collection frequency, or a combination of both.

(D) Ensure that container placement is accessible to residents, including children and individuals who use a wheelchair.

(E) Report on activities to meet the requirements of this subsection in the periodic report submitted according to the requirements of OAR 340-090-0100.

(c) To the extent that funding is provided under ORS 459A.890(4), establish and implement, or cause to be established and implemented, a program to reduce contamination that:

(A) Includes one or more local recycling contamination reduction goals that are consistent with the statewide goals established by the DEQ pursuant to ORS 495A.929(1)(a).

(B) Causes collected source separated recyclables to undergo periodic evaluation of collected material quality and contamination, in accordance with forms and procedures established by the Department of Environmental Quality under ORS 459A.959.

(C) Includes:

(i) At least one of each of the three types of contamination reduction program elements contained on the list established by the DEQ pursuant to ORS 459A.929(1)(c), or

(ii) Uses materials or methods that are at least as effective as materials or methods approved by DEQ pursuant to ORS 459A.929(1)(c).

(D) Includes, at least once every five years, a process for reviewing, and revising as appropriate, the local goals and local elements established under this subsection.

(8) The city or county responsible for solid waste management must carry out a public education and promotion program that meets the following minimum requirements:

(a) An initial written or more effective notice or combination of both that is reasonably designed to reach each residential and commercial generator of recyclable materials, and that clearly explains why people should recycle, the recycling opportunities available to the recipient, the materials that can be recycled and the proper preparation of those materials for recycling. The notice must include the following specific information:

(A) Reasons why people should recycle; and

(B) Name, address and telephone number of the person providing on-route collection where applicable; and

(C) Listing of depots for recyclable materials at all disposal sites serving the area and any alternative DEQ-approved more convenient locations, including the materials accepted and hours of operation; or

(D) Instead of paragraphs (B) and (C) of this subsection a telephone number and a website address to find information about depot locations and collection service as appropriate.

(b) Existing residential and commercial collection service customers must be provided information, at least semi-annually, through a written or more effective notice or combination of both, listing the materials collected, the schedule for collection, proper method of preparing materials for collection and an explanation of the reasons why source separation of materials for recycling is necessary;

(c) Written information to be distributed to disposal site users at all disposal sites or, alternatively, more convenient locations with attendants and where it is otherwise practical. The written information must include the following:

(A) Reasons why people should recycle; and

- (B) List of materials that can be recycled; and
- (C) Instruction for the proper preparation of recyclable materials.
- (d) At sites without attendants, a sign indicating availability of recycling at the site or at the more convenient location must be prominently displayed that indicates materials accepted and hours of operation;
- (e) Identify and establish a procedure for citizen involvement for the development and implementation of an education and promotion program;
- (f) Notification and education materials provided to local media and other groups that maintain regular contact with commercial and residential generators and the public in general, including local newspapers, trade publications, local television and radio stations, community groups, and neighborhood associations;
- (g) A person identified as the education and promotion representative for the appropriate jurisdiction to be the official contact to work with the other affected persons in matters relating to education and promotion for recycling.
- (h) A local government that provides the opportunity to recycle or the local government's service provider shall utilize and distribute educational resources developed under ORS 459A.893(1). A local government or the local government's service provider may incorporate the educational resources developed under this section into an existing education program developed to satisfy the requirements of ORS 459A.007 and 459A.008.

Statutory/Other Authority: ORS 459.045, 459A.100 - 459A.120 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.007, 459A.010, 459A.896, 459A.905, 459A.908, 459A.911, 459A.914 & 459A.929.

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DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0040

Local Government Recycling Program Elements

(1) In addition to the minimum requirements in OAR 340-090-0030 and 340-090-0042, each city with a population of 4,000 or more and any county responsible for the area between the city limits and the urban growth boundary of that city, or the area outside the city limits but within a metropolitan service district, must implement recycling program elements from section (3) of this rule based on the following requirements:

- (a) For cities within a metropolitan service district:

- (A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least four additional elements set forth under section (3) of this rule;
 - (B) At least eight recycling program elements set forth under section (3) of this rule; or
 - (C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.
- (b) For cities with a population of at least 4,000 but not more than 10,000 that are located 120 miles or less from the City of Portland:
- (A) At least four recycling program elements set forth under section (3) of this rule; or
 - (B) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.
- (c) For cities with a population of at least 4,000 but not more than 10,000 that are more than 120 miles from the City of Portland:
- (A) At least three recycling program elements set forth under section (3) of this rule; or
 - (B) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.
- (d) For cities with a population of more than 10,000 but not more than 50,000 that are located 150 miles or less from the City of Portland:
- (A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least two additional elements set forth under section (3) of this rule;
 - (B) At least six recycling program elements set forth under section (3) of this rule; or
 - (C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.
- (e) For cities with a population of more than 10,000 that are located more than 150 miles from the City of Portland:
- (A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least one additional element set forth under section (3) of this rule;
 - (B) At least five recycling program elements set forth under section (3) of this rule; or
 - (C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.
- (f) For cities with a population of more than 50,000 that are located 150 miles or less from the City of Portland:

(A) The three recycling program elements set forth under subsections (3)(a), (b) and (c) of this rule and at least three additional recycling program elements set forth under section (3) of this rule;

(B) At least seven recycling program elements set forth under section (3) of this rule; or

(C) An alternative program approved by DEQ that meets the requirements of OAR 340-090-0080.

(g) A local government that is not subject to ORS 459.007(6) or (7) or OAR 340-090-0042 may substitute for one recycling program element set forth under section (3) of this rule:

(A) The waste prevention and reuse program element set forth under OAR 340-090-0042(2); and

(B) At least two additional waste prevention and reuse program elements set forth under OAR 340-090-0042.

(2) For determining a city's distance in miles from the City of Portland under section (1) of this rule, DEQ must use the current mileage table or comparable current mileage statistics from the Oregon Department of Transportation.

(3) Program elements:

(a) Deliver to each residential collection service customer at least one durable recycling container. For purposes of this program element, a durable container must be a rigid box or bucket with a volume of at least 12 gallons made of material that holds up under all weather conditions for at least five years and that the resident and the collector can easily handle;

(b) Provide on-route collection at least once each week of source separated recyclable materials designated by OAR 340-090-0630(4)(b) to residential collection service customers provided on the same day that solid waste is collected from each customer;

(c) Provide a recycling education and promotion program that is expanded from the minimum requirements described in OAR 340-090-0030(8), and supports the management of solid waste in the following priority order: first preventing the generation of waste, then reusing materials, then recycling materials, then composting materials, then recovering energy, and finally safely disposing of solid waste that cannot be prevented, reused, recycled, composted or used for energy recovery.

(A) Each local government's expanded program must satisfy the applicable requirements of ORS 459A.008 and OAR 340-090-0041 and:

(i) Must inform all solid waste generators of how to prevent waste and how to reuse, recycle and compost material;

(ii) Must inform all solid waste generators of the manner and benefits of preventing waste and how to reuse, recycle, and compost materials;

(iii) Must promote the use of recycling services;

(iv) Must determine the levels of contamination of materials set out for collection and take action to reduce contamination in collected recyclables; and

(v) Must target educational and promotional materials provided to commercial customers to meet the needs of various types of businesses and should include reasons to recycle, including economic benefits, common barriers to recycling and solutions, additional resources for commercial generators of solid waste, and other information designed to assist and encourage recycling efforts. These materials must encourage each commercial generator of solid waste to strive to achieve 55 percent recovery from its solid waste stream by the year 2025.

(B) The expanded program must be provided in one of the two following ways:

(i) A "Specified Action" program, which must include at a minimum the following elements:

(I) All new residential and commercial collection service customers must each receive a packet of educational materials that contain information listing the materials collected, the schedule for collection, proper method of preparing materials for collection and an explanation of the reasons why customers should source separate materials for recycling;

(II) Existing residential and commercial collection service customers must be provided information identified in OAR 340-090-0040(3)(c)(B)(i)(I) at least four times a calendar year through a written notice or effective alternative to reach various solid waste generators, or combination of both;

(III) At least annually information regarding the benefits of recycling and the type and amount of materials recycled during the past year must be provided directly to the collection service customer in written form and must include additional information including the procedure for preparing materials for collection;

(IV) Targeting of at least one community or media event per year to promote waste prevention, reuse, recycling and composting, although not every media event needs to promote all of those activities;

(V) Utilizing a variety of materials and media formats to disseminate the information in the expanded program in order to reach the maximum number of collection service customers and residential and commercial generators of solid waste; and

(VI) Development and implementation of a contamination reduction education plan that satisfies the requirements of OAR 340-090-0041.

(ii) Development and implementation of an "Expanded Education and Promotion Plan." The Plan must:

(I) Include actions to effectively reach solid waste generators and all new and existing collection service customers;

(II) Include such actions as necessary to fulfill the intent of this subsection;

(III) Include a timetable for implementation, and the local government must implement that timetable;

(IV) Be submitted to DEQ by February 28 of the first year that the Plan is to be in effect or within 30 days of the beginning of the local government's fiscal year in which the Plan is first put into effect.

(d) Establish and implement a recycling collection program through local ordinance, contract or any other means enforceable by the appropriate city or county for each multi-family dwelling complex having five or more units. The collection program must meet the following requirements:

(A) Collect recyclable materials identified by OAR 340-090-0630(4)(b);

(B) Provide educational and promotional information directed toward the residents of multi-family dwelling units periodically as necessary to be effective in reaching new residents and reminding existing residents of the opportunity to recycle including the types of materials to be recycled and the method for properly preparing those materials.

(e) Establish and implement an effective residential yard debris program to collect and compost residential yard debris. The program must include the following elements:

(A) Promotion of home composting of yard debris through written material or some other effective media form that is directed at the residential generator of yard debris; and either

(B) At least monthly on-route collection of yard debris from residences for production of compost or other marketable products; or

(C) A system of residential yard debris collection depots, for producing compost or other marketable products, located such that there is at least one conveniently located depot, open to the public at least once a week, for every 25,000 population.

(f) Taking into account material generation rates, establish and implement regular, on-site collection of source separated recyclable materials designated by OAR 340-090-0630(4)(b) from commercial generators, taking into consideration how the generator could achieve 55 percent recovery from its solid waste stream by the year 2025. This program element does not apply to manufacturing, business or processing activities in residential dwellings or to the generation of industrial solid waste. At a minimum the commercial recycling program:

(A) Must be provided to commercial entities that employ 10 or more persons and occupy 1,000 square feet or more in a single location;

(B) Must include an education and promotion program that:

(i) Uses materials and messages specifically designed for commercial generators of solid waste; and

- (ii) Informs all commercial generators of solid waste of the benefits of recycling, the recycling opportunities available to them and how to recycle; and
 - (iii) If the local government is providing the expanded education and promotion program element, includes any additional requirements needed to meet OAR 340-090-0040(3)(c); and
 - (iv) Includes information on the benefits of waste prevention to commercial generators.
- (C) Must be conducted to effectively promote the commercial recycling program to commercial generators of solid waste;
- (D) Must encourage each commercial generator of solid waste to strive to achieve 55 percent recovery from its solid waste stream by the year 2025;
- (E) Should provide other elements including but not limited to:
- (i) Provision of waste assessments to businesses;
 - (ii) Provision of recycling receptacles to businesses at no or low cost;
 - (iii) Waste prevention and recycling recognition programs. Local governments are encouraged to involve local business organizations in publicly recognizing outstanding waste prevention and recycling efforts by commercial generators of solid waste. The recognition may include awards designed to provide additional incentives to increase waste prevention and recycling efforts.
- (g) Establish depots for recycling collection of all materials identified in OAR 340-090-0630(4)(a), and where feasible, additional materials, except that used oil need not be collected at the depot if another location within the local government unit will accept used oil for recycling. This program must provide at least one (1) recycling depot in addition to the depot(s), if any, required by OAR 340-090-0030(1). For any city with a population of 50,000 or more, the minimum number of additional depots must be equal to the city's population, divided by 25,000, and rounded down to the nearest whole number. The expanded depot program must include promotion or education that maximizes the use of the expanded depot program. The depots must operate as follows:
- (A) Have regular and convenient hours for residential generators of solid waste; and
 - (B) Be open on at least one weekend day each week; and
 - (C) Be established in location(s) that are convenient for residential generators of solid waste to use.
- (h) Establish collection rates for residential solid waste from single-family residences and single residential units, in complexes of less than five units that encourage waste prevention, reuse and recycling. The rates must, at a minimum, include the following elements:

- (A) At least one rate for a container that is 21 gallons or less in size and costs less than larger containers;
- (B) Rates must be based on the average weight, as determined in paragraph (E) of this subsection, of solid waste disposed per container for various sizes of containers;
- (C) Rates, as calculated on a per pound disposed basis, may not decrease per pound with the increasing size of the container or the number of containers;
- (D) Rates per container service must be established such that each additional container beyond the first container for each residential unit must have a fee charged that is at least the same fee and no less than the first container; and
- (E) Rates, calculated on a per pound disposed basis, the city or county develops through their own per pound average weights for various container sizes by sampling and calculating the average weights for a cross section of containers within their residential service area.
 - (i) An on-going system to collect food waste and, optionally, other compostable waste, from commercial and institutional entities that generate large amounts of such wastes, and compost it at facilities in compliance with DEQ composting facility rules and local government regulations:
 - (A) Before diverting edible (unwanted) foods to be composted, a local government should consider how to encourage making them available:
 - (i) Through food rescue;
 - (ii) Or if charity channels are not available, to farmers for animal feed.
 - (B) A commercial composting program must include the following elements:
 - (i) On-going promotion of the commercial compost program through written material or other effective formats directed to targeted commercial generators within the local government unit, such as grocery stores, restaurants, wholesale flower warehouses, hotels, businesses and institutions with food service;
 - (ii) To avoid problems relating to human health and the environment, periodic collection of food wastes and, optionally, other compostable wastes, is required from commercial generators on an appropriate schedule.
 - (C) Any composting facility to which collected compostable waste is taken must comply with DEQ composting facility rules;
 - (D) On-site commercial composting should be considered if the location is appropriate, space is available and the entity complies with DEQ composting facility rules and local government regulations.

(j) A commercial recycling program that requires commercial generators of solid waste that generate large amounts of recyclable materials to source separate recyclable materials.

(A) For subsection (3)(j) of this rule, “large amount commercial generator” means a commercial generator of solid waste that has a service level of four or more cubic yards of solid waste per week at a single site.

(B) A local government must require participation in its commercial recycling program by all large amount commercial generators except for generators exempted under paragraph (3)(j)(F) of this rule.

(C) The local government’s commercial recycling program must include requirements for large amount commercial generators to:

(i) Source-separate recyclable materials for reuse or recycling;

(ii) Self-haul or arrange for collection service of the source separated recyclable materials;

(iii) Provide recycling containers for internal areas where recyclable materials may be collected, stored, or both; and

(iv) Correctly label all interior and exterior containers and post signs where recyclable materials may be collected, stored, or both that identify the materials that the large amount commercial generator must source-separate for reuse or recycling and that provide recycling instructions.

(D) The local government must provide education and promotion that meets at least the minimum requirements described in OAR 340-090-0030(8) for all large amount commercial generators.

(E) To ensure compliance with the requirements in this subsection, the local government must establish a method for identification and monitoring of large amount commercial generators.

(i) If a large amount commercial generator is not in compliance with the requirements of this subsection, then the local government must, at a minimum, notify that large amount commercial generator that it is out of compliance.

(ii) For a noncomplying large amount commercial generator, the local government may also consider a penalty or fine structure that incorporates warning notices, civil injunctions, financial penalties, or criminal prosecutions.

(F) The local government may allow for limited exemptions from the requirements of this subsection for reasons that the local government deems appropriate, such as zoning requirements, lack of sufficient space to provide additional recycling containers, or non-generation of recyclable materials.

(G) The local government may consider certification requirements for self-haulers of source-separated recyclable materials. Those certification requirements may include, but are not limited to, requiring large amount commercial generators to maintain written records demonstrating that all self-hauling activities have been completed in compliance with the requirements of this subsection (3)(j).

(k) A program for monthly or more frequent on-route collection and composting for food waste and, optionally, other compostable waste from residential collection service customers.

(A) The local government must provide education or promotion that meets at least the minimum requirements described in OAR 340-090-0030(8) for all residential collection service customers.

(B) In addition to the requirements of subsection (3)(k)(A) of this rule, the local government's education or promotion to all residential collection service customers must include:

(i) Types of food waste collected;

(ii) The schedule for collection;

(iii) Methods of preparing food waste for collection;

(iv) Explanations of why separating food waste for recovery is necessary; and

(v) Explanations of how to reduce contamination of the food waste recovery stream set out for collection.

(l) A recovery program for construction and demolition debris.

(A) As used in subsection (3)(l) of this rule, "construction and demolition debris" means waste resulting from the construction, renovation, repair, or demolition of buildings or other structures that contain recyclable material. "Construction and demolition debris" does not include putrescible wastes, hazardous waste, or asbestos.

(B) The recovery program for construction and demolition debris must:

(i) Require that construction and demolition debris be source separated at the site of generation or be sent to a material recovery facility for processing and recovery; and

(ii) Include an education or promotion program for developers, contractors, and residential owners that provides strategies:

(I) To reduce waste during preconstruction planning and in building construction, renovation and demolition phases; and

(II) To direct waste to reuse and material recovery facilities.

(C) Generators subject to this program include any person who:

(i) Generates and self-hauls a minimum of six cubic yards of construction and demolition debris at any time; or

(ii) Generates and arranges for collection service of a minimum of ten cubic yards of construction and demolition debris at any time.

(D) The local government must provide education or promotion that meets at least the minimum requirements described in OAR 340-090-0030(8) for all generators of construction and demolition debris that are subject to the recovery program for that debris.

(m) A food waste collection program requiring nonresidential generators that generate large amounts of food waste to source-separate the food waste for recovery.

(A) For subsection (3)(m) of this rule:

(i) “Nonresidential generator” means a commercial generator or other generator but not a residential or multi-family generator; and

(ii) “Large amount nonresidential generator” means a nonresidential generator that disposes of more than fifty tons of food waste annually.

(B) The local government must require participation in its food waste collection program by all large amount nonresidential generators except for generators exempted under paragraph (3)(m)(F) of this rule.

(C) The local government’s food waste collection program must include requirements for large amount nonresidential generators to:

(i) Cover, at a minimum, food waste that is not packaged and for which final disposal by the large amount nonresidential generator is controlled by the nonresidential generator’s employees or agents;

(ii) Source-separate food waste for donation or food waste collection;

(iii) Self-haul or arrange for collection service of the food waste;

(iv) Provide containers for internal areas where food waste may be collected, stored, or both; and

(v) Correctly label all interior and exterior containers and post signs and instructions where food waste is collected, stored, or both, that identifies the types of food waste the large amount nonresidential generator must source-separate for donation or food waste collection.

(D) The local government must provide education or promotion that meets at least the minimum requirements described in OAR 340-090-0030(8) for all large amount nonresidential generators.

(E) To ensure compliance with the requirements in this subsection, the local government must establish a method for identification and monitoring of large amount nonresidential generators.

(i) If a large amount nonresidential generator is not in compliance with the requirements of this subsection, then the local government must, at a minimum, notify that large amount nonresidential generator that it is out of compliance.

(ii) For a noncomplying large amount nonresidential generator, a local government may also consider a penalty or fine structure that incorporates warning notices, civil injunctions, financial penalties, or criminal prosecutions.

(F) The local government may allow for limited exemptions from the requirements of this subsection for reasons that the local government deems appropriate, such as zoning requirements or lack of sufficient space to provide additional food waste containers.

(G) The local government may consider certification requirements for self-haulers of food waste. Those certification requirements may include, but are not limited to, requiring large amount nonresidential generators of food waste to maintain written records demonstrating that all self-hauling activities have been completed in compliance with the requirements of this subsection (3)(m).

(4) In addition to the requirements in sections (1) and (2) of this rule, each city with a population of 4,000 or more and any county responsible for the area within a metropolitan service district or the area between the city limits and the urban growth boundary of that city in any of the following wastesheds must provide the opportunity to recycle rigid plastic containers if the conditions set forth in section (5) of this rule are met:

(a) Clackamas, Multnomah and Washington Counties, in aggregate, as a single wasteshed;

(b) Benton wasteshed;

(c) Clatsop wasteshed;

(d) Columbia wasteshed;

(e) Deschutes wasteshed;

(f) Douglas wasteshed;

(g) Hood River wasteshed;

(h) Jackson wasteshed;

(i) Josephine wasteshed;

(j) Lane wasteshed;

(k) Linn wasteshed;

(l) Marion wasteshed;

(m) Polk wasteshed;

(n) Wasco wasteshed; and

(o) Yamhill wasteshed.

(5) The opportunity to recycle rigid plastic containers is required within a wasteshed when a stable market price for rigid plastic containers, that equals or exceeds 75 percent of the necessary and reasonable collection costs for those containers, exists for such wasteshed.

Statutory/Other Authority: ORS 459.045, 459A.025, 459A.100 - 459A.120 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.007, 459A.008, 459A.010 & 459A.665

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DEQ 31-1992, f. & cert. ef. 12-18-92 (and corrected 1-5-93)

340-090-0042

Waste Prevention and Reuse Programs

(1) As required by ORS 459A.007, certain local governments must implement the waste prevention education and reuse program element listed in section (2) in this rule and choose two or four additional elements from sections (3) through (8) of this rule, depending on the local governments' populations and locations. Each city that is within a metropolitan service district or with a population of greater than 50,000 and each county that is responsible for the area between city limits and the urban growth boundary of a city with a population of greater than 50,000 or the area outside of city limits but within a metropolitan service district urban growth boundary must implement either: the waste prevention and reuse program element in section (2) and at least four additional elements from sections (3) through (8) of this rule; or an alternative program that is designed to achieve similar benefits as this rule and complies with OAR 340-090-0080(7). Each city with a population of greater than 10,000 but no more than 50,000, that is within a county of greater than 100,000 population, and each county of greater than 100,000 population that is responsible for the area between city limits and the urban growth boundary of a city with a population of greater than 10,000 but no more than 50,000 must implement either: the waste prevention and reuse program element in section (2) and at least two additional elements from sections (3) through (8) of this rule; or an alternative program that is designed to achieve similar benefits as this rule and complies with OAR 340-090-0080(7). Waste prevention education and reuse program elements in this rule that are implemented by a county or metropolitan service district may be used by a city within the county or metropolitan service district to

meet the requirements of this rule, provided that the elements are made available throughout the entire city, including the area between the city limits and the urban growth boundary of that city. Waste prevention and reuse program elements implemented by a metropolitan service district may be used by a county that includes or is within the metropolitan service district to meet the requirements of this section, provided that the elements are made available throughout the entire urban growth boundary of the metropolitan service district.

(2) Citywide or countywide education and promotion. A citywide or countywide education and promotion program about the environmental benefits of, and opportunities to reduce the generation of waste through, waste prevention and reuse.

(a) The education and promotion program must include the following components:

(A) Information for existing residential and commercial collection service customers that:

(i) Is designed to reach solid waste generators and is provided at least four times per calendar year through: written notice, an effective alternative, or some combination of both;

(ii) Describes the benefits of generating less waste in terms of the reduction in a material's environmental impact as part of its life cycle, including upstream impacts, such as resource extraction and manufacturing; and

(iii) Addresses how to generate less waste, how to reuse materials, and solutions to common challenges to waste prevention and reuse.

(B) An activity targeting at least one community or one media event each year that promotes waste prevention and reuse, such as a waste prevention booth at a county fair or a community cleanup event that includes a sale or giveaway component to encourage reuse of discarded articles. This activity or event must be in addition to any campaigns used to comply with sections (3) or (4) of this rule. An activity or event may promote waste prevention activities, reuse activities, or some combination of both.

(b) To reach the maximum number of residential and commercial solid waste generators, the education and promotion program must utilize a variety of materials and media formats to disseminate information.

(c) Each local government must submit to DEQ a program plan during the first year the plan is in effect. The plan must use either a format that DEQ provides or an alternative written format chosen by the local government. Thereafter, the local government must submit a summary of activities in the plan to DEQ at the same time the local government submits its periodic report under OAR 340-090-0100. The plan must describe how it will implement the elements in subsections (2)(a) and (3)(b) of this rule, including:

(A) A description of the information to be provided, including messages to be conveyed, program material format and general content, and schedules for distribution;

(B) A description of how the information meets the needs of various types of residential generators, such as multi-family or rural residents, and various types of commercial and institutional generators;

(C) A description of how information will be provided, such as through events, volunteer activities, community meetings and presentations, or door-to door outreach; and

(D) A description of who will provide the information, such as local government staff, collectors, depot operators, disposal site operators, and non-governmental organizations.

(3) Waste prevention campaign targeting residential generators. A waste prevention campaign targeting residential generators of waste and focused on one or more toxic or energy intensive materials or consumer purchasing practices. As used in this section, “consumer purchasing practices” means the act of purchasing a toxic or energy intensive material, a product containing toxic materials, or a product consisting at least 50 percent by weight of energy intensive materials. A food rescue program is not a waste prevention campaign for the purpose of complying with this section. The campaign must meet the following criteria:

(a) For either a campaign that DEQ provides or an alternative campaign that the local government chooses and DEQ approves, each local government must develop, submit to DEQ, and implement a campaign plan that:

(A) Identifies at least one specific waste generating behavior or practice targeted for change;

(B) Describes the campaign’s strategy;

(C) Describes the campaign materials’ general content, format, and delivery methods;

(D) Provides an implementation schedule; and

(E) Describes a performance measurement plan that specifies one or more outcomes that the local government will use to demonstrate its campaign reached the target audience or achieved its waste prevention objective.

(b) Campaign materials must include multiple components that may be used sequentially or on a rotational basis to meet the required refreshing schedule in subsection (3)(c) of this rule. Such components may include materials using:

(A) Different visual images to convey core messaging;

(B) Variations on core messaging language; or

(C) A variety of media, such as print, websites, social media, or radio.

(c) The duration of a campaign may not exceed five years, and the local government’s implementation schedule must include a schedule for refreshing components of the campaign at least once every two years. To “refresh” components of a campaign means to

use new or different components to deliver messages in a different way. A local government may also request, and DEQ may approve, a campaign duration or implementation schedule that differs from this subsection's schedule for refreshing components provided that the local government can demonstrate:

(A) That the campaign or one of its components has contributed to the desired behavior change; and

(B) That continuing the campaign or one of its components is likely to result in further desired changes in behavior or practices.

(d) Educational materials used in this campaign must be in addition to educational materials used to satisfy the requirements of section (2) of this rule.

(4) Waste prevention campaign targeting commercial generators. A waste prevention campaign targeting commercial or institutional generators of waste and focused on one or more toxic or energy intensive materials or consumer purchasing practices. As used in this section, "consumer purchasing practices" means the act of purchasing a toxic or energy intensive material, a product containing toxic materials, or a product consisting at least 50 percent by weight of energy intensive materials. A targeted business assistance program qualify as a campaign if that program includes components that promote changes in waste generating behavior or practices consistent with the requirements of this section and targets businesses with applicable waste generating behaviors or practices. A food rescue program is not a waste prevention campaign for the purpose of complying with this section. The campaign must meet the following criteria:

(a) For either a campaign DEQ provides or an alternative campaign the local government chooses and DEQ approves, each local government must develop, submit to DEQ, and implement a campaign plan that:

(A) Identifies at least one specific waste generating behavior or practice targeted for change;

(B) Describes the campaign's strategy;

(C) Describes the campaign materials' general content, format and delivery methods;

(D) Provides an implementation schedule; and

(E) Describes a performance measurement plan that specifies one or more outcomes that the local government will use to demonstrate its campaign reached the target audience or achieved its waste prevention objective.

(b) Campaign materials must include multiple components that may be used sequentially or on a rotational basis to meet the required refreshing schedule in subsection (5)(c) of this rule. Such components may include materials using:

(A) Different visual images to convey core messaging;

(B) Variations on core messaging language; or

(C) A variety of media, such as print, websites, social media, or radio.

(c) The duration of a campaign may not exceed five years, and the local government's implementation schedule must include a schedule for refreshing components of the campaign at least once every two years. To "refresh" components of a campaign means to use new or different components to deliver messages in a different way. A local government may also request, and DEQ may approve, a campaign duration or implementation schedule that differs from this subsection's schedule for refreshing components provided that the local government can demonstrate:

(A) That the campaign or one of its components has contributed to the desired behavior change; and

(B) That continuing the campaign or one of its components is likely to result in further desired changes in behavior or practices.

(d) Educational materials used in this campaign must be in addition to educational materials used to satisfy the requirements of section (2) of this rule.

(5) Education program in schools. A waste prevention and reuse education program in elementary and secondary schools must satisfy the following criteria:

(a) Each local government must develop, submit to DEQ, and implement a plan to deliver elementary and secondary school education and promotion programs, that:

(A) Identifies groups or classes of students;

(B) Describes how the program will engage the students;

(C) Identifies at least one specific waste generating behavior or practice targeted for change and barriers to that change;

(D) Provides an implementation schedule; and

(E) Describes a performance measurement plan that specifies one or more outcomes that the local government will use to demonstrate its education program reached the students or achieved its waste prevention and reuse objectives.

(b) The education program must address students in both elementary and secondary schools and may include activities such as:

(A) Classroom presentations;

(B) School assemblies;

(C) Classroom curricular activities, such as service learning projects;

(D) After school programs;

(E) Field trips with a substantial focus on reducing waste generation, such as tours of tool libraries or food rescue facilities; or

(F) Student education implemented as part of in-school waste prevention and reuse programs, such as school cafeteria projects to measure and reduce food waste.

(c) If the program is a general waste prevention and reuse education and outreach program designed primarily to deliver information and increase knowledge about actions that support waste prevention and reuse, then the program must provide education to at least 5 percent of all elementary and secondary students attending public school within the area served by the local government in each calendar year for which this element is used to comply with waste prevention and reuse program requirements, or 10 percent of all students where a program is being implemented over two consecutive years. A local government may use total enrollment numbers reported to the Oregon Department of Education to determine the number of students its program must reach or may propose, with justification, to DEQ an alternative total enrollment number. A local government may, at its discretion, provide education to private school students or to students attending school while in a correctional facility to meet required targets. A city or county may comply with this element through compliance by its county or metropolitan service district provided that:

(A) The education by the county or metropolitan service district is made available to all schools within the area served by the local government using this element to comply with waste prevention and reuse requirements; and

(B) The county or metropolitan service district is providing the education to at least this element's percentage threshold of elementary and secondary students in each calendar year for which this element is used to comply.

(d) A local government may propose a metric, besides the percentage in subsection (5)(c) of this rule, for approval by DEQ that allows for more in-depth programs designed to engage a smaller number of students. The proposal must explain how targeting a smaller number of students supports longer-term engagement in elementary and secondary education on waste prevention and reuse.

(e) Local governments may not use education programs used to demonstrate compliance with the requirements of OAR 340-090-0042(5) to demonstrate compliance with any other waste prevention and reuse program element in this rule.

(6) Funding or infrastructure support program. A program either for the provision of city, county, or watershed funding or for the provision of city, county, or watershed infrastructure support to promote and sustain reuse, repair, leasing or sharing efforts. The program must meet the following criteria:

(a) A local government must identify the specific forms of funding or infrastructure support the local government will provide to support reuse, repair, leasing or sharing activities and

describe how the funding or infrastructure support contributes to sustaining and, where possible, expanding reuse, repair, leasing or sharing efforts within the local government unit.

(b) Support must be provided annually unless a local government provides funding or monetized infrastructure support in an amount larger than that required under subsection (6)(c) of this rule and the amount of that funding or monetized support, when amortized over multiple years, is at least equivalent to the annual support the local government would otherwise provide.

(c) If a city, county, or watershed chooses to use direct funding to comply with the requirements of this section, annual funding must be no less than \$0.17 per local government unit resident for jurisdictions with populations up to 100,000 in population and \$17,000 plus \$0.10 per local government unit resident above 100,000 in population for jurisdictions with populations above 100,000, adjusted annually for inflation from a base year of 2016 using the West Region Consumer Price Index for All Urban Consumers for All Items, as published by the Bureau of Labor Statistics of the United States Department of Labor.

(d) If a city, county, or watershed chooses to provide infrastructure support to comply with the requirements of this section, that support must result in a reuse, repair, lease or sharing opportunity that is provided continuously or on at least 1 day per year for every 50,000 in the local government unit's population or monetized at a value equal to the funding required in subsection (6)(c) of this rule.

(e) Funding may include: grants; payments on behalf of organizations for equipment; funding to cover the costs of outreach efforts, such as website development, development of social media venues and media buys; or funding to allow reuse, repair, or sharing organizations to pay staff or contractors for program development, implementation, or both. However, funding of outreach efforts does not qualify as satisfying this element if that outreach is also used to satisfy the technical assistance requirements of section (7) of this rule.

(f) A city or county may comply with this element through compliance by its county or metropolitan service district provided that the infrastructure supported by the county or metropolitan service district is accessible and convenient to residents and businesses of the city or county.

(7) Technical assistance program. A program for the provision of city or watershed technical assistance to promote and sustain the reuse, repair or leasing of materials or other sharing of efforts to reduce waste. The program must meet the following criteria:

(a) A local government must identify the specific forms of technical assistance the local government will provide to support reuse, repair, leasing or sharing activities and must describe how the technical assistance contributes to sustaining and, where possible, expanding reuse, repair, leasing or sharing efforts within the local government unit.

(b) A local government may satisfy the requirements of this element through a partnership with another governmental agency, a local non-governmental organization or private

enterprise provided that this partnership is documented in a written agreement, such as a memorandum of understanding, an intergovernmental agreement, a franchise agreement or other contract vehicle, and:

(A) The agreement specifies the local government's contribution to the partnership. The local government's contribution must be more than nominal support. Examples of sufficient contributions include supporting ordinances or waived fees, including license fees, commitments to support volunteer recruitment, requirements that a partner implements a program on behalf of a local government, promotion that supports implementation of the partner organization's project, facilitating community meetings or workshops to support information exchange or project development, participation of local government staff on organizational boards, and providing communications channels through local government websites or other media; and

(B) The agreement specifies annual reporting of outcomes, such as increased borrowing at a tool library, pounds of building materials or household goods salvaged from solid waste disposal, or number and types of materials exchanged through a commercial or residential exchange website or distribution center that can be linked to the partnership and demonstrate year-to-year progress in reuse, repair or otherwise reducing waste.

(c) Technical assistance in the form of promotion, outreach or education used to comply with the requirements of OAR 340-090-0042(7) cannot also be used to demonstrate compliance with any other waste prevention and reuse program element.

(8) Food rescue program support. Support by a local government for a food rescue program. The local government's support must meet the following criteria:

(a) The local government must identify and describe specific support for a food rescue program within the local government unit.

(b) A local government's support must include at least two of the following components:

(A) A review of local health ordinances or other local government regulations that may create regulatory barriers to food rescue, identifying regulatory barriers to food rescue, and implementing solutions needed to facilitate food rescue. Such solutions could include, but are not limited to, recommending revisions to regulations or seeking authorization from a local health agency to take an action necessary to facilitate food rescue. Local ordinance review would be sufficient to constitute support for one component for two years.

(B) Funding, which may include: grants or payments on behalf of organizations for equipment, vehicles or building space; and stipends or other payments for gleaners and other food rescue workers. The annual amount of such funding must be no less than \$0.17 per local government unit resident for jurisdictions with populations up to 100,000 in population and \$17,000 plus \$0.10 per local government unit resident above 100,000 in population for jurisdictions with populations above 100,000, adjusted annually for inflation from a base year of 2016 using the West Region Consumer Price Index for All Urban Consumers for All Items, as published by the Bureau of Labor Statistics of the United States Department of Labor.

(C) Infrastructure support that may include: providing space for rescued food storage; loan of vehicles for food transport; and development and implementation of donor matching programs or farm to food bank programs. Infrastructure support must result in a food rescue opportunity that is provided continuously or on at least one day per year for every 50,000 residents in the local government unit or monetized at a value equal to the funding required in paragraph (8)(b)(B) of this rule.

(D) Technical assistance that may include: convening meetings to assist in developing a food rescue program; a local government website page to inform and promote food rescue opportunities; providing other program education and promotional support; developing success stories for use in promotional materials; and supporting measurement programs to help develop programs and demonstrate the efficacy of food rescue.

(c) A local government may satisfy the technical assistance requirements of this element through a partnership with another governmental agency, a local non-governmental organization or private enterprise provided that this partnership is documented in a written agreement, such as a memorandum of understanding, an intergovernmental agreement, a franchise agreement or other contract vehicle, and:

(A) The agreement specifies the local government's contribution to the partnership. The local government's contribution must be more than nominal support. Examples of sufficient contributions include supporting ordinances or waived fees, including license fees, commitments to support volunteer recruitment, requirements that a partner implements a program on behalf of a local government, promotion that supports implementation of the partner organization's project, facilitating community meetings or workshops to support information exchange or project development, participation of local government staff on organizational boards, and providing communications channels through local government websites or other media; and

(B) The agreement specifies annual reporting of outcomes, such as increased food diverted to food assistance programs, that can be linked to the partnership and demonstrate year-to-year progress in food rescue.

(d) Support must be provided annually unless a local government provides funding or monetized infrastructure support in an amount larger than that required under subsection (8)(b) of this rule and the amount of that funding or monetized support, when amortized over multiple years, is at least equivalent to the annual support that the local government would otherwise provide.

(e) A city or county may comply with this section (8) through compliance by its county or metropolitan service district provided that the county- or metropolitan service district-supported food rescue program either collects from sources of food in the city or county or redistributes food to residents of the city or county.

Statutory/Other Authority: 459.045, 459A.025 & 468.020.

Statutes/Other Implemented: 459A.007, 459A.010 & 459A.050

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

340-090-0080

Alternative Methods for Providing the Opportunity to Recycle

This rule describes the necessary procedures and requirements that a city, county, metropolitan service district, or disposal site permittee on behalf of an out-of-state person must follow in order to request approval of an alternative program for meeting the requirements of OAR 340-090-0030, 340-090-0040, and 340-090-0042.

(1) The city, county or metropolitan service district responsible for solid waste management may apply for and request approval by DEQ of an alternative program for providing the opportunity to recycle. Each request must be made in writing to DEQ on a form DEQ provides. The request for an alternative program must be complete, signed by the appropriate authority for the city, county, metropolitan service district or disposal site permittee for an out-of-state request and address all of the requirements in section (3) of this rule and sections (5) and (6) of this rule if applicable.

(2) DEQ will review applications as they are received. DEQ will approve, approve with conditions, or reject each proposed alternative program based on consideration of the criteria described in section (3) of this rule.

(3) Each application for approval of an alternative program for providing the opportunity to recycle must include detailed written information and data on the following:

(a) A description of the alternative program being proposed and how it is different from the standard method that would be required to be implemented under the opportunity to recycle requirements;

(b) The conditions and factors that make the alternative program necessary;

(c) How the alternative program is convenient to the commercial and residential generators of solid waste using or receiving the service;

(d) How the alternative program is as effective in recovering recyclable materials from solid waste as the requirements in OAR 340-090-0020, 340-090-0030, 340-090-0040, and 340-090-0050 for providing the opportunity to recycle.

(e) How the alternative program would achieve at least the lesser of:

(A) The local government unit's wasteshed recovery rate goal specified in OAR 340-090-0050; or

(B) Recovery levels comparable to similar communities. For the purposes of this rule, "similar community" means another local government unit that is similar, for the purpose of DEQ's evaluation of the local government's alternative program, based on:

(i) Population or population density;

(ii) Relevant demographics;

(iii) Distance to a market for material collected for recycling;

(iv) Costs of collection and disposal; and

(v) Other criteria DEQ approves.

(4) Anytime a city, county, metropolitan service district, or disposal site permittee on behalf of an out-of-state person desires to make changes to the approved alternative program, they must submit an amended application for DEQ's approval following the same requirements in sections (3), (5) and (6) of this rule.

(5) In addition to any other standards or conditions, an alternative program for providing the opportunity to recycle yard debris in the Metro watershed must meet the following minimum standards:

(a) The alternative program is available to substantially all yard debris generators in the local jurisdiction;

(b) The alternative program can be demonstrated to result in the recycling of yard debris from the solid waste stream;

(c) There is a promotion campaign that is designed to inform all potential users about the availability and use of the method;

(d) The city, county or metropolitan service district must individually or jointly, through intergovernmental agreement, choose from the following yard debris recycling program options as an alternative program:

(A) Provide monthly or more often on-route collection of yard debris during the months of April through October with drop-off depots for non-collection service customers available at least monthly;

(B) Provide biweekly or more often yard debris collection depots within one mile of yard debris generators, or such that there is at least one conveniently located depot for every 25,000 population; or

(C) Provide monthly or more often yard debris collection, supplemented by a weekly or more often yard debris depot during the months of April through October, both within one mile of the yard debris generators, or such that there is at least one conveniently located depot for every 25,000 population.

(e) If the alternative program is proposed by a metropolitan service district the alternative program request must include written commitments from the local governments covered by

the program to implement the program or a demonstration of the metropolitan service district's authority to implement the program.

(6) In addition to the requirements in section (3) of this rule, when a disposal site permittee is requesting approval of an alternative program for an out-of-state person the following criteria must be met:

(a) For the purposes of satisfying the requirement in subsection (3)(b) of this rule for a local government unit the alternative program must designate a watershed having a common solid waste disposal system or an appropriate area within which to carry out a common recycling program and select and provide justification for an appropriate recovery rate based on similar watershed characteristics in Oregon including population density, and distance to recycling markets;

(b) For persons other than local government units the request for alternative program approval must provide information explaining how the alternative program provides the opportunity for the person to reduce the amount of waste that would be disposed and a description of how the alternative program is implemented.

(7) Instead of a local government implementing a waste prevention and reuse program under OAR 340-090-0042, a local government may apply for DEQ's approval of an alternative waste prevention and reuse program. To apply, a local government must follow these procedures:

(a) Each application for an alternative waste prevention and reuse must be made in writing on a form that DEQ provides. The application must be complete, signed by the local government, and address all of the requirements in section (3) of this rule.

(b) DEQ will review applications as they are received. For each application, using the information in subsection (c) of this rule, DEQ must, for the proposed alternative waste prevention and reuse program:

(A) Approve the proposed program;

(B) Approve the proposed program with conditions; or

(C) Reject the proposed program.

(c) Each application must include the following detailed information:

(A) A description of the proposed alternative waste prevention and reuse program;

(B) Explanations of how the proposed alternative waste prevention and reuse program would be different than and designed to achieve similar benefits as the waste prevention and reuse program that would otherwise be required under rule;

(C) A written plan describing how the proposed alternative waste prevention and reuse program would provide citywide or countywide education and promotion about the

environmental benefits of, and opportunities to reduce the generation of waste through, waste prevention and reuse in the local government unit;

(D) An explanation of the conditions and factors that make the proposed alternative waste prevention and reuse program preferable; and

(E) A description of waste generating behaviors targeted for change for residential and commercial generators of solid waste in the local government unit and how that change would be measured.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.005, 459A.010, 459A.025 & 459A.055

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0035 & 340-060-0125

DEQ 27-1988, f. & cert. ef. 9-16-88

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0090

Collection of Recyclable Materials

(1) DEQ may not require any city, county, or metropolitan service district, or agent thereof, to collect or receive source separated recyclable material which has not been correctly prepared to reasonable specifications which relate to marketing, transportation, storage, or regulatory agency requirements. The specifications for material preparation must have been publicized by the appropriate city, county or metropolitan service district as part of the education and promotion program requirements in OAR 340-090-0020, 340-090-0030, and 340-090-0040.

(2) In addition to the provisions set forth in ORS 459A.080, no person shall dispose of source separated recyclable material which has been collected or received from the generator by any method other than reuse or recycling except as follows:

(a) Used oil and wood waste may be collected and burned for energy recovery.

(b) For covered products pursuant to ORS 459A.863(6), a method other than reuse or recycling may be used if proposed by a producer responsibility organization in a program plan, and that program plan is approved by DEQ. The proposal must include an assessment of environmental impacts and demonstration of consistency with the policy objectives contained in ORS 459.015(2)(a).

(c) For any recyclable materials not included in subsections (a) or (b), a method other than reuse or recycling may be used if an assessment of the environmental impacts of the method demonstrates to DEQ's satisfaction that the method provides better environmental outcomes and is consistent with the policy objectives contained in ORS 459.015(2)(a).

(3) Commercial and residential recyclable materials that are source separated for collection on-route or on-site but that are not correctly prepared according to reasonable specifications

as set forth by the city, county or metropolitan service district under section (1) of this rule may not be required to be collected and may be left with the generator of the source separated material or may be collected and prepared for recycling by the collector, but may not be disposed of by the collector. The generator of the material must be provided with written information that explains correct material preparation for the purposes of educating the generator.

(4) Unauthorized materials that are deposited by the generator at a recycling depot are exempt from the prohibition in sections (1), (2), and (3) of this rule and must be managed in the appropriate manner otherwise required by law.

(5) Collected recyclable material later found to be contaminated with hazardous substances are exempt from the prohibition in sections (1), (2), and (3) of this rule and must be managed in an appropriate manner otherwise required by law.

Statutory/Other Authority: ORS 459A.025, 459.045, 459A.005 - 459A.085 & 468.020

Statutes/Other Implemented: ORS 459A.080

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0075 & 340-060-0080

DEQ 9-1991, f. & cert. ef. 6-20-91

DEQ 1-1989, f. & cert. ef. 1-27-89

DEQ 27-1988, f. & cert. ef. 9-16-88

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0110

Minimum Content Reporting Requirements

The following information must be reported to DEQ by February 28 of each year for the previous calendar year by the applicable person on a form DEQ provides:

- (1) Each consumer of newsprint in Oregon must report the following information:
 - (a) Amount of newsprint used in a calendar year in short tons or metric tons;
 - (b) Amount of recycled-content newsprint, comprised of post-consumer waste paper, used in a calendar year in short tons or metric tons;
 - (c) Aggregate recycled content of the newsprint used in a calendar year expressed as a percent of the total newsprint used in a calendar year in short tons;
 - (d) If a consumer cannot obtain the required amount of recycled content newsprint for the reasons listed in ORS 459A.505, the report must include an appropriate explanation;
 - (e) For purposes of this section only "post-consumer waste" means a material that would normally be disposed of as a solid waste, having completed its life cycle as a consumer or manufacturing item.

(2) Publishers of directories distributed in Oregon must provide the following information on a form DEQ provides. For purposes of this rule, directories means telephone directories that weigh one pound or more for a local jurisdiction:

- (a) Total weight in tons of directories distributed in Oregon;
- (b) Percent by weight of recycled content in the total directories distributed in Oregon;
- (c) Percent of total weight that consists of post-consumer waste;
- (d) If a publisher cannot meet the requirements in ORS 459A.520, the publisher must provide an explanation;
- (e) Description of the locations and cooperative programs implemented with local government for the collection and recycling of old directories when new ones are distributed, including the total weight of old directories collected for recycling in each local government jurisdiction.

(3) Each manufacturer of glass food, drink and beverage containers made in Oregon, or made outside Oregon and sold to packagers located in Oregon, must report the following information:

(a) Total tons of new glass food, drink and beverage containers made in Oregon, or made outside Oregon and sold to packagers located in Oregon, in a calendar year;

(b) The total tons of post-consumer recycled glass used in manufacturing the containers made in Oregon, or made outside Oregon and sold to packagers located in Oregon, in a calendar year;

(c) Post-consumer recycled glass generated in Oregon and used in "secondary end uses" must be credited towards the 50 percent minimum percentage requirement. As used in this section, "post-consumer recycled glass" does not include window glass and other glass not related to glass container manufacturing. This "credit" must be determined annually as follows:

(A) DEQ must determine the tonnage of post-consumer recycled glass generated in Oregon and used in "secondary end uses" based on reports received under OAR 340-090-0100;

(B) DEQ must then determine the percentage of post-consumer glass generated in Oregon that was used for secondary end uses that year. DEQ must use a composition study of solid waste disposed of in Oregon as the basis for estimating the amount of solid waste which is post-consumer recycled glass;

(C) The 50 percent minimum glass recycled content requirement each glass manufacturer must meet must be reduced by the number of percentage points determined in paragraph (3)(c)(B) of this rule for the subject year.

(d) A glass manufacturer must identify to DEQ all secondary end users of post-consumer recycled glass generated in Oregon of which it is aware. "Secondary end uses" must include:

- (A) Use on road surfaces as "glasphalt;"
- (B) Fiberglass;
- (C) Abrasives;
- (D) Glass foam;
- (E) Glass beads for reflective paint;
- (F) Construction uses, meeting engineering specifications;
- (G) Road-base aggregate, meeting engineering specifications;
- (H) Other uses as approved by DEQ.

(e) Upon request from a glass container manufacturer, DEQ may not enforce the requirement that a minimum percentage of recycled glass be used in the manufacturing of glass containers if DEQ determines that a glass container manufacturer cannot meet the minimum percentage requirements because of a lack of available glass cullet from Oregon recycling collection programs, including producer responsibility organizations, required by OAR 340-090-0630 to collect container glass, and that meets reasonable specifications the manufacturer establishes. However, lack of availability of appropriate cullet to fully comply with the glass recycled content requirement may not exempt a glass container manufacturer from the requirement to achieve as high a minimum recycled content as possible using available appropriate cullet. A request for non-enforcement from a glass container manufacturer must include sufficient detail for DEQ to be able to reasonably make a determination as to the availability of appropriate cullet, and must:

- (A) Be made to DEQ in writing by February 28 of a year to apply to use of cullet in the previous calendar year;
- (B) Include a copy of the manufacturer's specifications and an explanation of how the manufacturer determined that sufficient glass cullet meeting the specifications was not available. If a manufacturer's specifications are more restrictive than accepted national specifications, the manufacturer must demonstrate to DEQ why such restrictions are necessary;
- (C) Include the tonnage of the shortfall of available cullet.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.515, 459A.520 & 459A550

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98
DEQ 31-1992, f. & cert. ef. 12-18-92 (and corrected 1-5-93)

340-090-0140

Recyclable Material Economic Test

This rule describes the factors that DEQ must consider in determining if a material can be collected and sold for recycling at a net cost equal to or less than the cost of collection and disposal of the same material.

(1) DEQ must calculate the cost of collection and sale of a recyclable material by considering the collector's costs from the time the material is source separated and leaves the use of the generator until it is first sold or transferred to the person who recycles it. DEQ must consider all costs and savings associated with collection of a recyclable material in the calculation.

(2) DEQ must consider any measurable savings to the collector resulting from making a material available for recycling as opposed to disposal the same as income from sale.

(3) DEQ must calculate the cost of collection and disposal of material as solid waste by using the total costs of collection and disposal. Costs must include fees charged, taxes levies or subsidy to collect and to dispose of solid waste. Costs must also include, but are not limited, to the costs to comply with applicable statutes, rules permit conditions and insurance requirements.

(4) DEQ may use the amount and value of any source separated material that is collected or received as part of a recycling requirement of a permit or a city or county franchise determining whether remaining material meets the definition of recyclable material.

Statutory/Other Authority: ORS 459A.025, 459.045 & 468.020

Statutes/Other Implemented: ORS 459A.010

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0055

DEQ 26-1984, f. & cert. ef. 12-26-84

340-090-0190

Yard Debris Recycling Charges

(1) The EQC's purpose in adopting this rule governing when a fee may be charged for yard debris recycling services is to:

(a) Ensure that a financial disincentive for recycling is not created for any waste generator;

(b) Increase recovery of yard debris and stimulate participation in yard debris recycling programs;

- (c) Acknowledge the rate considerations due to the extreme variability of volumes generated;
- (d) Ensure that service provided to multi-family generators residing in dwellings of four or fewer units is equivalent to service provided to single family residences.
- (2) The purpose as stated in section (1) of this rule is to apply to those recycling programs required under ORS 459A.005, 459A.010 and 459.250.
- (3) As used in this rule, "residential generator" means any generator of recyclable material located in single or multi-family dwellings up to and including four units.
- (4) As used in this rule, a "unit of yard debris" is the equivalent of a 32-gallon can, a similar sized bag, or the standard unit of yard debris service provided, whichever is greater.
- (5) Residential generators of yard debris participating in a regularly scheduled yard debris collection service in the Metro wasteshed, may be charged a fee for yard debris recycling service. The cost of collection of at least the equivalent of one unit of yard debris per month must be incorporated into the base fee charged for solid waste and recycling collection and disposal. An additional fee may be charged for yard debris service which exceeds the equivalent of collection of one unit of yard debris per month. Where multi-family complexes are treated as a single customer, the local government providing the yard debris service must assure that yard debris service is provided at a level equivalent to service provided single-family dwellings. Local governments must make this determination and any related adjustment in service, no later than their next rate review process. In addition to the base fee charged for solid waste and recycling collection and disposal, which must include the first unit of yard debris, local governments may charge a fee for:
- (a) Collection of any volumes of yard debris over and above the first unit which is included in the base fee, where the generator is a solid waste customer;
- (b) Collection of any volumes of yard debris where the generator is not a solid waste customer;
- (c) Yard debris collected through a depot program or other alternative method including on-call service.
- (6) The total additional yard debris recycling fee charged to any generator of yard debris for collection of yard debris must be less than the fee that would have been charged for collection of that same volume of yard debris as mixed solid waste.
- (7) Yard debris recycling fees in addition to the base fee charged for solid waste collection and disposal may be charged for the collection of yard debris on-route or at a depot outside the Metro wasteshed.
- (8) Each city, county or metropolitan service district in the Metro wasteshed must individually, or jointly through intergovernmental agreement, implement a yard debris program that at a minimum meets the requirements of OAR 340-090-0030 when the option

under OAR 340-090-0040(3)(e) is not chosen or request approval of an alternative program for providing the opportunity to recycle under OAR 340-090-0080.

Statutory/Other Authority: ORS 459A.025, 459.045, 459A.005 - 459A.085 & 468.020

Statutes/Other Implemented: ORS 459.015, 459.250, 459A.005 & 459A.010

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 9-1993, f. & cert. ef. 6-16-93

DEQ 31-1992, f. & cert. ef. 12-18-92, Renumbered from 340-060-0130

DEQ 9-1991, f. & cert. ef. 6-20-91

340-090-0380

Recycling Rate Calculation

(1) The recycling rate for rigid plastic containers must be calculated as one of the following:

(a) Aggregate or specified resin type recycling rate for compliance purposes;

(b) Calendar year aggregate recycling rate;

(c) Specified-type rate; or

(d) Product-associated rate.

(2) Recycling rate for compliance purposes;

(a) Aggregate recycling rate for compliance purposes;

(A) DEQ may determine a recycling rate for rigid plastic containers, in the aggregate, for compliance purposes by December 31 of any year for which DEQ deems it necessary to determine such a rate. The aggregate recycling rate for compliance purposes must apply to the following calendar year and to any subsequent calendar year until DEQ again calculates an aggregate rigid plastic container recycling rate for compliance purposes;

(B) DEQ must base the aggregate recycling rate for compliance purposes in part on the most recent calendar year recycling rate and in part on other information which reflects or indicates the level of rigid plastic container recycling. When determining the recycling rate for compliance purposes for years prior to the calculation of the calendar year recycling rate, DEQ will use the best available recycling rate information in lieu of a calendar year recycling rate.

(b) Specified resin type recycling rate for compliance purposes:

(A) If the aggregate recycling rate in paragraph (2)(a)(A) of this rule is determined to be less than 25 percent, DEQ must determine a specified resin type recycling rate for compliance purposes for rigid plastic containers made from each of the following resin types: polyethylene terephthalate, high density polyethylene, polyvinyl chloride, low density

polyethylene, polypropylene, polystyrene, and other. The specified resin type recycling rate for compliance purposes must apply to the calendar year(s) for which the aggregate recycling rate in paragraph (2)(a)(A) of this rule was determined;

(B) DEQ must base the specified resin type recycling rate for compliance purposes in part on the most recent calendar year recycling rate and in part on other information which reflects or indicates the level of rigid plastic container recycling. When determining the recycling rate for compliance purposes for years prior to the calculation of the calendar year recycling rate, DEQ will use the best available recycling rate information in lieu of a calendar year recycling rate.

(3) Calendar year aggregate recycling rate:

(a) DEQ must calculate the calendar year aggregate recycling rate for rigid plastic containers and must include all rigid plastic containers including those exempted by OAR 340-090-0340(2), (4), (5), (6) or (7) from meeting compliance standards;

(b) DEQ must determine the calendar year recycling rate for rigid plastic containers in the aggregate as a percentage by dividing the aggregate numerator by the aggregate denominator. DEQ must collect or adjust, or both, the numbers in both the numerator and denominator of this calculation to represent the same calendar year;

(c) The elements of the formula to calculate the calendar year aggregate recycling rate for post-consumer rigid plastic containers in Oregon are:

(A) The aggregate numerator, expressed in tons:

(i) DEQ must calculate the numerator be calculated as the total weight of post-consumer rigid plastic containers recycled in Oregon;

(ii) In addition to DEQ's census of material recovery rates, DEQ may use as the basis for determining the total weight of post-consumer rigid plastic containers recycled in Oregon an annual recycling census of all parties directly involved in brokering, processing, or recycling post-consumer rigid plastic containers from Oregon. DEQ may provide monthly forms for record keeping purposes only. Census respondents will be asked to calculate and submit:

(I) The total amount of post-consumer rigid plastic received from Oregon sources which is rigid plastic containers as defined in OAR 340-090-0330;

(II) The percentage of (I) that is lost due to removal of contaminated, non-plastic, and non-recyclable material; and

(III) Any other information DEQ may require to accurately determine the recycling tonnages.

(iii) DEQ must design and implement procedures to conduct the census relating to:

(I) Developing and maintaining a comprehensive list of handlers and reclaimers;

(II) Obtaining data from handlers and reclaimers, including the use of monthly and annual record keeping and reporting forms;

(III) Reconciling variances in reported data;

(IV) Maintaining quality control in data collection and analysis; and

(V) Adjusting data to produce estimates of the amount of plastic from post-consumer rigid plastic containers by controlling for contamination, including moisture, organic matter and other non-plastic materials.

(iv) DEQ must publish a report on the findings of the census, methodologies used and information regarding potential errors.

(B) The aggregate denominator, expressed in tons:

(i) DEQ must calculate the denominator as the sum of the total weight of post-consumer rigid plastic containers recycled in Oregon (the numerator) plus the total weight of post-consumer rigid plastic containers disposed of in Oregon. DEQ must calculate the total weight of post-consumer rigid plastic containers disposed of in Oregon by multiplying the estimated percent of municipal solid waste which is post-consumer rigid plastic containers times total tons of municipal solid waste disposed of in Oregon;

(ii) The total tons of municipal solid waste disposed of in Oregon is derived from information collected under the provisions of ORS 459A.010 (3)(d) and 459A.050 (3) and (4);

(iii) DEQ must use a composition study of solid waste disposed of in Oregon as the basis for estimating the percent of disposed solid waste which is post-consumer rigid plastic containers. Adjustments to a previous composition study may be used as a substitute for a new composition study.

(d) DEQ will determine the calendar year aggregate rigid plastic container recycling rate, when DEQ determines it to be necessary, on a calendar year basis. When DEQ determines a calendar year aggregate rate, DEQ will publish it in a report that includes a discussion of potential errors associated with calculation of the total tons of municipal solid waste disposed of in Oregon, information on the recycling and disposal data collection and analysis methodologies and margin of error for the percent composition of rigid plastic containers.

(4) Specified-type recycling rate. DEQ must determine the recycling rate for a specified type of rigid plastic container as a percentage by dividing the specified type numerator by the specified type denominator. DEQ must collect or adjust, or both, the numbers in both the numerator and denominator of this calculation to represent the same calendar year:

(a) The elements of the formula to calculate the specified type recycling rate for rigid plastic containers in Oregon are:

(A) DEQ must calculate the specified type of post-consumer rigid plastic container numerator as the total of the specific type of post-consumer rigid plastic containers recycled in Oregon, expressed in tons;

(B) The specified type of post-consumer rigid plastic container denominator, expressed in tons:

(i) DEQ must calculate the denominator by one of the following methods:

(I) As the sum of the weight of the specified type of post-consumer rigid plastic containers recycled in Oregon plus the total weight of the specified type of rigid plastic containers disposed of in Oregon; or

(II) The total weight of the specified type of post-consumer rigid plastic containers sold in Oregon.

(ii) If DEQ uses the weight of the specified type of post-consumer rigid plastic containers disposed of to calculate the denominator, DEQ must use a composition study of solid waste disposed of in Oregon as the basis for determining the weight disposed of.

(b) Any person calculating the recycling rate of a specified type of post-consumer rigid plastic container may rely upon disposal or recycling data DEQ generates. Persons using other data to calculate a recycling rate must be able to document that such data were generated by a methodology acceptable to DEQ and are verifiable;

(c) Adjustment to data collected by the recycling census and composition study identified in paragraphs (3)(c)(A)(ii) and (3)(c)(B)(ii) and (iii) of this rule respectively must be made only by use of a methodology DEQ accepts;

(d) DEQ may use data collected on a national basis to determine the post-consumer rigid plastic container recycling rate in Oregon if it can be shown how these data are either typical of or can be adjusted to accurately represent conditions in Oregon.

(5) Product-associated recycling rate. DEQ must calculate the recycling rate for a product-associated rigid plastic container as a percentage by dividing the product-associated numerator by the product-associated denominator. DEQ must collect or adjust, or both, the numbers in both the numerator and denominator of this calculation to represent the same calendar year. The elements of the formula to calculate the product-associated recycling rate for rigid plastic containers in Oregon are:

(a) DEQ must calculate the numerator as the total weight of product-associated post-consumer rigid plastic containers recycled in Oregon, expressed in tons;

(b) The product-associated post-consumer rigid plastic container denominator, expressed in tons. The denominator must be the total weight of the product-associated rigid plastic containers sold in Oregon.

(6) A product manufacturer or container manufacturer must rely on DEQ's calculation of the aggregate recycling rate for compliance purposes for post-consumer rigid plastic containers to comply with OAR 340-090-0350(1)(b)(A). In cases where DEQ calculates the recycling rate for specified types of or product-associated post-consumer rigid plastic containers, a product manufacturer or container manufacturer may rely on DEQ's rate calculation when claiming that a container or containers comply with OAR 340-090-0350(1)(b)(B) or (1)(b)(C).

(7) In cases where a manufacturer calculates the recycling rate for specified types of or product-associated post-consumer rigid plastic containers, a product manufacturer may rely upon disposal or recycling data DEQ generates, where available. Manufacturers using other data to calculate a recycling rate must be able to document that such data were generated by a methodology DEQ accepts and are verifiable.

(8) Calculation of a recycling rate must include only those outputs from processing rigid plastic containers which are recycled into new products. When a processing technology results in a combination of outputs, some of which are recycled into new products and others of which are fuel products, or energy recovery, the recycling rate may not include any portion of the output which is a fuel product, is used to produce fuel products, or is otherwise used for energy recovery.

Statutory/Other Authority: ORS 459A.025

Statutes/Other Implemented: ORS 459A.650 - 459A.657

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 27-1998, f. & cert. ef. 11-13-98

DEQ 9-1996, f. & cert. ef. 7-10-96

DEQ 26-1994, f. & cert. ef. 11-2-94

340-090-0410

Responsibilities of a Container Manufacturer

(1)(a) A container manufacturer must be able to document that a rigid plastic container or containers comply with the requirements of OAR 340-090-0350(1)(a), (1)(b)(A), or (1)(b)(B);

(b) For any calendar year for which DEQ determines that the aggregate recycling rate for compliance purposes is at least 25 percent, a container manufacturer is not required to keep the records otherwise required by this rule.

(2) A container manufacturer's documentation that a rigid plastic container or containers comply with the provisions of OAR 340-090-0350(1)(a), (1)(b)(A) or (1)(b)(B) must include, at a minimum, the following information:

(a) Recycled content. For each container that complies with OAR 340-090-0350(1)(a):

(A) A description of the container including its resin type;

- (B) Documentation of the recycled content of the type of container including:
 - (i) The total weight of plastic used to manufacture that type of rigid plastic container during the time period when the container was made; and
 - (ii) The weight of recycled material used to manufacture that type of rigid plastic container during the same time period, within a one-year period, as determined by the container manufacturer.
- (b) Aggregate recycling rate. The aggregate recycling rate for compliance purposes DEQ establishes serves as the only acceptable documentation that a container manufacturer's containers comply with OAR 340-090-0350(1)(b)(A);
- (c) Specified-type recycling rate. For containers that comply with the specified-type recycling rate requirement, OAR 340-090-0350(1)(b)(B):
 - (A) A description of the container;
 - (B) Identification of the specified type;
- (C) Documentation of the recycling rate for the type of container pursuant to OAR 340-090-0380(4); and
- (D) Where DEQ has calculated a recycling rate for a specified type of container, the container manufacturer may rely upon DEQ's rate to show that the container complies with the rate requirements.
- (3) Container manufacturer's Certificate of Compliance:
 - (a) A container manufacturer must make a Certificate of Compliance available to:
 - (A) Any product manufacturer who uses containers from that container manufacturer and makes products in those containers available for sale in Oregon; and
 - (B) DEQ, upon request, only if not otherwise available from the product manufacturer.
 - (b) A container manufacturer's Certificate of Compliance must contain the following information:
 - (A) The container manufacturer's:
 - (i) Name;
 - (ii) Address; and
 - (iii) Name, title, address and phone number of an official representative.
 - (B) A description of the container or containers for which compliance or exemption is claimed; and

(C) A description of the container manufacturer's records documenting compliance.

(c) If, after review of the container manufacturer's Certificate of Compliance, DEQ determines that the information provided in the Certificate is not adequate to document that a container or containers comply with OAR 340-090-0350 through 0370, DEQ may:

(A) Request that the product manufacturer provide all or part of the documentation described in a Certificate of Compliance, other records, or additional information the container manufacturer keeps that is the basis for those records and any other information deemed necessary to determine compliance with the law. Within 15 days of this request, the product manufacturer must notify DEQ whether it will provide the requested information or if DEQ must request it directly from the container manufacturer. If the product manufacturer notifies DEQ it will satisfy the request, the manufacturer must provide the records or other material requested to DEQ within 45 days of the date of the product manufacturer's notification;

(B) If the product manufacturer cannot provide adequate documentation or other information DEQ requests within the time frame in (A) above, then DEQ may request such information directly from the container manufacturer.

(d) A container manufacturer must comply with the following procedure and time schedule when it provides information DEQ requests:

(A) The container manufacturer must provide a Certificate of Compliance to DEQ within 60 days of the date of receipt of a DEQ request for the Certificate;

(B) If DEQ finds the Certificate to be incomplete, DEQ may request the missing materials from the official company representative. The container manufacturer must provide missing materials from a Certificate of Compliance to DEQ within 30 days of the date of receipt of a DEQ request for the Certificate;

(C) After it has reviewed the Certificate of Compliance, DEQ may request that the container manufacturer provide all or part of the documentation described in a Certificate of Compliance, other records, or additional information kept by the container manufacturer that is the basis for those records and any other information deemed necessary to determine compliance with the law. The container manufacturer must provide the records or other material requested to DEQ within 45 days of the date of receipt of a request for the records.

(4)(a) A container manufacturer may request an extension of the time period to submit materials DEQ requests. Such a request for extension must be in writing and be received by DEQ before the due date of DEQ's original request. The request for extension must:

(A) Provide the container manufacturer's name and address;

(B) Provide the name, title, address, and phone number of an official company representative;

(C) State a specific length for the requested extension, not to exceed 60 days; and

(D) Show good reason for the extension.

(b) Based upon the information provided in the request for extension, DEQ may grant the extension, deny the extension, or grant an extension for a lesser period of time.

(5) Records that document compliance with the requirements of OAR 340-090-0350 or exemption under the provisions of OAR 340-090-0340 must be maintained and available for audit by DEQ for a period of at least three years after the year for which compliance is documented.

(6) DEQ will consider a container manufacturer's failure to provide the following a violation of these rules:

(a) A Certificate of Compliance to a product manufacturer; or

(b) A Certificate of Compliance or additional materials to DEQ as requested and within the schedule set out in this rule.

(7) DEQ, at its discretion, may audit the container manufacturer directly to determine compliance with these rules.

Statutory/Other Authority: ORS 459A.025 & 468.020

Statutes/Other Implemented: ORS 459A.655 & 459A.660

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 9-1996, f. & cert. ef. 7-10-96

DEQ 26-1994, f. & cert. ef. 11-2-94

340-090-0430

Violations

(1) Violations of these rules are punishable as provided in ORS Chapter 459.995 and pursuant to OAR 340-012-0042 and 0065.

(2) DEQ may not enforce the provisions of ORS 459A.650 to 459A.660 during the first full calendar year after DEQ determines for the first time that the aggregate recycling rate for compliance purposes is less than 25 percent.

(3) DEQ may not enforce the provisions of ORS 459A.650 to 459A.660 until January 1, 1998. After that time DEQ must take enforcement action for violations of ORS 459A.650 to 459A.660 occurring on or after January 1, 1998.

Statutory/Other Authority: ORS 459A.025 & 468.020

Statutes/Other Implemented: ORS 459A.660 & Ch. 584 OL 1995

History:

DEQ 3-2017, f. & cert. ef. 1-19-17

DEQ 9-1996, f. & cert. ef. 7-10-96

DEQ 26-1994, f. & cert. ef. 11-2-94

OAR-340-090-0600

Purpose and Applicability

OAR 340-090-0600 to 0810 implement the Plastic Pollution and Recycling Modernization Act, ORS 459A.860 to 459A.975. These rules also describe Producer Responsibility Organization obligations, standards and methods for local government compensation, and the recycling acceptance lists. The rules relate to the requirements of ORS 459A.869, 459A.872, 459A.875, 459A.878, 459A.881, 459A.884, 459A.890, 459A.896, 459A.914, and 459A.926.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0610

Definitions

Unless the context requires otherwise, terms used in OAR 340-090-0600 to 0810 have the meanings provided by 459A.863.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0620

Effective Date

OAR 340-090-0630 to 0810 and the amendments to OAR 340-090-0005 to 0430 are effective on July 1, 2025.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0630

Recycling Acceptance Lists

(1) Recycling list definitions. For purposes of the recycling acceptance lists under sections 2 and 3 of this rule, the terms below have the following meanings:

(a) “Aerosol” has the same meaning found in 40 CFR 273.9.

(b) “Aseptic carton” means a shelf-stable package made for a food or beverage product that is made mainly of paperboard, but also includes thin protective layers of polyethylene and aluminum.

(c) “Bottle” means a rigid container with a neck or mouth smaller than the base.

(d) “Cap” means a rigid closure for tubs or bottles that has a fastening feature that involves threads.

- (e) "HDPE" means high density polyethylene.
- (f) "Lid" means a rigid closure for tubs that has a fastening feature other than threads.
- (g) "Non-metallized gift wrap" means paper gift wrap devoid of non-paper additives like metallic flakes, glitter, metalized mylar or any similar material.
- (h) "PE" means polyethylene and includes HDPE, low density polyethylene and linear low density polyethylene.
- (i) "PET" means polyethylene terephthalate.
- (j) "PP" means polypropylene.
- (k) "Pressurized cylinder" means any packaging containing flammable pressurized gas, helium or carbon dioxide, including, but not limited to, seamless cylinders and tubes, welded cylinders and insulated cylinders intended to contain helium, carbon dioxide or flammable materials such as propane, butane or other flammable compressed gases. "Pressurized cylinder" does not include:
- (A) any cylinder, tube or container intended to deliver a product that is not a compressed gas;
 - (B) any cylinder, tube or container that is designed to be refilled and which has an active and functioning exchange system that normally causes the cylinder, tube or container to be refilled, reused, or refurbished;
 - (C) any cylinder, tube or container that contains pure oxygen or hydrogen;
 - (D) fire extinguishers;
 - (E) aerosol cans; or
 - (F) a storage tank that is permanently fixed in location.
- (l) "Recycle-compatible coating" means a water-soluble barrier that can be used on fiber-based packaging that does not negatively impact the recyclability of that packaging.
- (m) "Scrap metal" means ferrous and non-ferrous waste metal, metallic material, electrical wiring and any product that contains at least 50 percent metal by weight and that is capable of being recycled. Scrap metal includes major appliances that contain refrigerants.
- (n) "Tub" means a rigid container that has a neck or mouth similar in size to its base.
- (2) Local Government Recycling Acceptance List. The following material must be collected pursuant to ORS 459A.005 and ORS 459A.914(1)(a) to provide the opportunity to recycle:
- (a) Corrugated cardboard; uncoated or coated with recycle-compatible coating; including pizza boxes;

- (b) Paper bags and mailing envelopes, excluding those with a plastic liner;
- (c) Paperboard boxes and packaging, such as cereal, cracker and medicine boxes, excluding items used to package goods that are normally placed in a refrigerator or freezer;
- (d) Polycoated cartons (for example milk cartons), aseptic cartons, and polycoated paper cups;
- (e) Molded pulp packaging, excluding food serviceware;
- (f) Spiral wound containers or composite cans made primarily of paper and steel;
- (g) Tissue paper used for packaging;
- (h) Non-metalized gift wrap;
- (i) All printing and writing paper, including newspaper, newsprint, newspaper inserts, magazines, catalogs, similar glossy paper, telephone directories, ledger, bond, copy and printer paper, notebook paper, envelopes, cards, mail, and items made of such paper and bound with staples, and paperback books, but excluding thermal paper and hardcover books;
- (j) File folders and hanging files;
- (k) Plastic that fits loosely in the generator's provided on-route collection container, excluding any such item that was used to contain or store motor oil, antifreeze, or other automotive fluids, pesticides or herbicides, or other hazardous materials (flammable, corrosive, reactive, toxic), as follows:
 - (A) Plastic bottles and jugs that are 6 ounces and larger, including caps if screwed on, made of the following materials:
 - (i) PET (#1) (clear only);
 - (ii) HDPE (#2); and
 - (iii) PP (#5)
 - (B) Plastic tubs that are 6 ounces and larger, including caps if screwed on, made of the following materials:
 - (i) PET (#1);
 - (ii) HDPE (#2); and
 - (iii) PP (#5)
 - (C) Plastic buckets, pails, and storage containers, including lids if snapped on, made of the following materials:

(i) HDPE (#2); and

(ii) PP (#5)

(D) Nursery (plant) packaging, such as pots and trays, made of the following materials:

(i) HDPE (#2); and

(ii) PP

(E) Clear plastic cups made of the following materials:

(i) PET (#1); and

(ii) PP (#5)

(l) Aluminum food, pet food, and beverage cans;

(m) Steel and bi-metal cans, including empty or dry metal paint cans;

(n) Scrap metal weighing less than 10 pounds and smaller than 18” in length, excluding sharp items (for example knives) and bicycle chains, electrical wiring and other wires, and other similar items likely to cause tangling;

(o) Other scrap metal;

(p) Motor oil; and

(q) Glass bottles and jars, but only from non-residential sources and only in the Metro watershed (this requirement is in addition to the requirements for glass recycling under section 3 of this rule).

(3) Producer Responsibility Organization Recycling Acceptance List. The following materials are designated as covered products of which a producer responsibility organization must provide for the collection through recycling depot or mobile events as provided in ORS 459A.896(1):

(a) Steel and aluminum aerosol cans;

(b) Aluminum foil and products made of pressed aluminum foil;

(c) Shredded paper;

(d) Polyethylene film and packaging made of polyethylene film without layers of other material;

(e) Plastic buckets, pails and storage containers made of HDPE (#2) or PP (#5) and the lids of such items, but excluding such items if used to contain or store motor oil, antifreeze, or

other automotive fluids, pesticides or herbicides, or other hazardous materials (flammable, corrosive, reactive, toxic);

(f) Glass bottles and jars;

(g) Block white expanded polystyrene;

(h) PE and PP lids and caps;

(i) HDPE package handles (for example 6-pack handles); and

(j) Pressurized cylinders.

(4) The materials listed in Section 2 of this rule must be collected as follows:

(a) The materials listed in subsections (a) through (p) must be collected at depots as part of the opportunity to recycle pursuant to ORS 459A.005 and 459A.007;

(b) The materials listed in subsections (a) through (n) are also designated for recycling collection from collection service customers as described in ORS 459A.005(1)(a)(A) and ORS 459A.863(25)(a) to (c);

(c) The materials listed in subsection (q) must be collected from non-residential collection service customers as part of routine collection service described in ORS 459A.005(1)(a)(A) and ORS 459A.863(25)(b), but only in the Metro wasteshed; and

(d) The materials listed in subsections (a) through (n) are suitable for commingled collection and are included in the Uniform Statewide Collection List.

(e) In accordance with this subsection, a local government may submit a request for additional time to meet the obligation to collect materials on the Uniform Statewide Collection List pursuant to section 2 of this rule to DEQ for approval, if the local government's ability to successfully collect the materials is dependent on the local government receiving funding for trucks, containers, or a reload facility requested from a producer responsibility organization through the 2023 needs assessment, pursuant to ORS 459A.890(8), and the local government has not yet received the funding. The local government must provide any information requested by DEQ to review the local government's request and describe to the satisfaction of DEQ the local government's process and timeline for complying with the obligation to collect all materials on the Uniform Statewide Collection List pursuant to section 2 of this rule. DEQ may approve the request, with or without conditions, if it determines that the local government's ability to successfully collect the materials that are the subject of the request is dependent on the local government receiving funding for trucks, containers, or a reload facility requested from the producer responsibility organization through the 2023 needs assessment, pursuant to ORS 459A.890(8), and the local government has not yet received the funding.

[Note: ORS 459A.914(4)(b) authorizes additions to the Uniform Statewide Collection List through methods other than rulemaking. Materials not on the Uniform Statewide Collection

List shall not be collected commingled with other materials per ORS 459A.914(5). The Uniform Statewide Collection List consists of materials designated in (d) above plus additional materials approved by DEQ pursuant to ORS 459A.914(4)(b). For the full list of materials on the Uniform Statewide Collection List consult Oregon Department of Environmental Quality's Materials Management Program.]

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0640

Convenience Standards

(1) For purposes of ORS 495A.896(1) and this rule:

(a) An existing recycling depot or drop off center is any place located in Oregon that accepts any recyclable material from the general public at the time the producer responsibility organization submits its most recent Program Plan or plan amendment, and which also meets at least one of the following five criteria:

(A) The recycling depot or drop off center is used by a local government to satisfy the requirement in ORS 459A.005(1)(a)(A) to provide a place for collecting source separated recyclable material, including the materials on the uniform statewide collection list established under ORS 459A.914 designated for collection at a recycling depot, located either at a disposal site or at another location more convenient to the population being served.

(B) The recycling depot or drop off center is used by a local government to satisfy the optional opportunity to recycle program element described in ORS 459A.007(1)(g).

(C) The recycling depot or drop off center is operated by or at the direction of a Tribal government.

(D) The recycling depot or drop off center is located at a site that operates under a valid solid waste permit issued by the DEQ.

(E) The recycling depot or drop off center is operated by or at the direction of a local government or a local government's service provider, as defined in ORS 459A.863(12).

(b) For purpose of satisfying obligations under ORS 459A.896, it is possible for a producer responsibility organization to contract with an existing recycling depot or drop off center to provide for collection of a covered product or products if the recycling depot or drop off center meets all the following conditions:

(A) The operator of the existing recycling depot or drop off center is willing to contract to provide collection service on behalf of the producer responsibility organization.

(B) The operator of the existing recycling depot or drop off center is able to meet all performance standards and other requirements on the producer responsibility organization and to provide collection service on behalf of the producer responsibility organization.

(C) The annual cost to the producer responsibility organization to contract for collection and recycling of a material or set of materials with the recycling depot or drop off center does not exceed 110 percent of the cost the producer responsibility organization would otherwise pay to provide a collection point for that material or set of materials.

(D) The operator of the existing recycling depot or drop off center demonstrates to the producer responsibility organization that the cost of reimbursement it requests are reasonable and only pays for additional costs associated with collection of the additional materials. An existing recycling depot or drop off center and a producer responsibility organization will resolve any disputes concerning the reasonableness of reimbursement costs through the dispute resolution process described in ORS 459A.875(2)(e).

(c) An existing recycling depot or drop off center that contracts with a producer responsibility organization pursuant to ORS 459A.896(1) must meet all relevant requirements of the producer responsibility organization, including performance standards as described in OAR 340-090-0660 and requirements for responsible end market disposition (ORS 459A.896(2)).

(d) For purposes of paragraphs (a)(A) and (B) of this section, if a local government has more than the minimum number of depots or drop off centers required by ORS 459A.005(1)(a)(A) or 459.007(1)(g) the local government must inform a producer responsibility organization, upon request, which depots or drop off centers are being used to meet the requirements of ORS 459A.005(1)(a)(A) or 459.007(1)(g). If a local government fails to provide the information within 90 days of a request DEQ may, after consulting with the local government and producer responsibility organization, determine which depots or drop off centers are being used to meet the requirements of ORS 459A.005(1)(a)(A) or 459.007(1)(g).

(e) If a recycling depot or drop off center that does not meet the requirements of subsection (a) of this section subsequently comes into compliance with those requirements a producer responsibility organization must contract with the recycling depot or drop off center within 12 months of the recycling depot or drop off center meeting the requirements of subsection (a) of this section, provided that the recycling depot or drop off center also meets the other requirements of this section. If the addition of the recycling depot or drop of center results in the producer responsibility organization exceeding the minimum number of collection points required by subsections (2)(d) to (f) of this rule the producer responsibility organization may discontinue service at another collection point in the same community, subject to the requirements of section 4 of this rule.

(f) If a producer responsibility organization determines that it is not possible to contract with an existing recycling depot or drop off center pursuant to subsection (2)(a) of this rule, due to the exceedance of the price premium cap in paragraph (1)(b)(C) of this rule, DEQ may request financial information from both the producer responsibility organization and the

existing facility to verify that the cap would be exceeded. A producer responsibility organization must provide the information requested by DEQ and may not prohibit, by nondisclosure agreement or other mechanism, the sharing of the requested information by the existing facility.

(2) Minimum number of collection points. For purposes of this section a collection point is a location that accepts from the public one or more materials on the Producer Responsibility Organization Recycling Acceptance List acceptance list pursuant to OAR 340-090-0630(3) and which meets all performance standards as described in OAR 340-090-0660. A producer responsibility organization must provide the following minimum number of collection points:

(a) A producer responsibility organization must provide for collection and recycling of all covered products on the producer responsibility organization acceptance list, pursuant to OAR 340-090-0630(3), at any existing recycling depot or drop off center where it is possible, as provided by subsection 1(b) of this rule.

(b) A producer responsibility organization must meet the base convenience standard described in paragraphs (d)(A), (d)(B) and (e)(A) and (B) of this section for every material described in the producer responsibility organization recycling acceptance list, pursuant to OAR 340-090-0630(3), except as provided by subsection (c) of this section.

(c) A producer responsibility organization must meet the enhanced convenience standard described in paragraphs (d)(A), (d)(C) and (e)(C) and (D) of this section for the materials identified in OAR 340-090-0630(3)(d) – (f), (h) and (i).

(d) Collection points in counties.

(A) A producer responsibility organization must provide at least one collection point in every county for every covered product on the producer responsibility organization acceptance lists.

(B) For each material subject to the base convenience standard in subsection (b) of this section, a producer responsibility organization must provide one additional collection point as follows:

(i) For Clackamas, Multnomah and Washington counties, one additional collection point for every 60,000 residents of that county.

(ii) For all other counties, one additional collection point for every 40,000 residents of that county.

(C) For each material designated for enhanced convenience pursuant to subsection (c) of this section, a producer responsibility organization must provide one additional collection point as follows:

(i) For Clackamas, Multnomah and Washington counties, one additional collection point for every 45,000 residents of each county.

(ii) For all other counties, one additional collection point for every 30,000 residents of that county.

(D) Where the required number of collection points for a county exceeds the sum of the collection points required by subsections (a) and (e) of this section, the additional collection points shall be located in unincorporated areas of the county. The producer responsibility organization shall consult with the county government and consider areas recommended by the county for placement of such collection points.

(e) Collection points in cities.

(A) For every material subject to the base convenience standard in subsection (b) of this section, a producer responsibility organization must provide for at least one collection point:

(i) In each city in Clackamas, Multnomah and Washington counties with a population of 14,000 or more residents; and

(ii) In all other cities with a population of 7,000 or more residents.

(B) For every material subject to the base convenience standard in subsection (b) of this section, a producer responsibility organization must provide additional collection points in a city as follows:

(i) For cities in Clackamas, Multnomah and Washington counties, one additional collection point for every 75,000 residents of the city; and

(ii) In all other cities one additional collection point for every 35,000 residents of the city.

(C) For each material designated for enhanced convenience, pursuant to subsection (c) of this section, a producer responsibility organization must provide at least one collection point as follows:

(i) In cities in Clackamas, Multnomah and Washington counties with a population of 8,000 or more residents; and

(ii) In all other cities with a population of 4,000 or more residents.

(D) A producer responsibility organization must provide one additional collection point in a city for every covered product designated for enhanced convenience:

(i) For cities in Clackamas, Multnomah and Washington counties, one collection point for every 50,000 residents of the city; and

(ii) For all other cities one collection point for every 30,000 residents of the city.

(E) If more than one collection point for any material is required within a single city, the producer responsibility organization shall locate the collection points within the city so that no major sections of the city lack convenient service relative to other areas of the city. A

producer responsibility organization must coordinate with DEQ to meet the requirements of this paragraph.

(F) If more than one collection point for any material is provided within a single city, at least 50 percent of all collection points for each material used to satisfy subsection (2)(e) of this rule shall be located in such a way as to be convenient to users of transit service, if the city is served by transit service. The producer responsibility organization shall describe in its program plan how this requirement is satisfied.

(f) A producer responsibility organization must provide sufficient collection points for all materials on the producer responsibility organization acceptance list such that 95 percent of all residents of Oregon live within 15 miles of a collection point.

(g) A producer responsibility organization may use the same collection points to meet the requirements of subsections (a), (d), (e) and (f).

(h) A producer responsibility organization must describe in its program plan how it will provide enhanced access to recycling of materials on the producer responsibility organization acceptance list for populations that may otherwise find it difficult to participate in service at collection points (for example valet service for vehicle users in wheelchairs and partnering with service organizations that work with homebound populations).

(3) Days and hours of operation. Collection points described in Section 2 of this rule must be available to the public as follows:

(a) If the collection point is co-located with a “parent” facility (for example a retailer if return-to-retail, or an existing depot) the same hours of operation as that parent facility is open.

(b) For all other collection points (stand-alone sites) 4 days per week (with exceptions provided for on legal holidays), at least one of which must be Saturday or Sunday and at least 8 hours each of those 4 days.

(4) Notification of changes and continuity of services.

(a) Except as provided by subsection (c) of this section, a producer responsibility organization must provide DEQ and a collection point operator at least three months’ notice in writing if a producer responsibility organization closes a collection point. The producer responsibility organization must also provide a concurrent notice to users of the collection point using prominently placed signage at the collection point location and on a website used by the producer responsibility organization for promotion with the public. Collection point closure notices must include the following information:

(A) Date of service discontinuation; and

(B) Alternative collection point location(s) or service information.

(b) Except as provided by subsection (c) of this section, if a collection point that a producer responsibility organization is using to satisfy the requirements of subsection (2)(a) of this rule no longer meets any of the conditions of subsection (1)(b) of this rule, the producer responsibility organization must not discontinue service until one of the following occurs:

(A) The contract with the site operator expires;

(B) The program plan period ends; or

(C) The parties reach mutual agreement.

(c) A producer responsibility organization may close a collection point for or discontinue acceptance of pressurized cylinders or aerosol cans without three months' notice in writing if:

(A) the collection point operator is an entity other than the producer responsibility organization;

(B) the collection point is not in compliance with contractual terms related to environmental protection or human health;

(C) The producer responsibility organization provides prior notice of its intention to discontinue the collection point; and

(D) The collection point does not promptly correct the issue.

(d) If a producer responsibility organization discontinues service pursuant to subsection (c) it shall notify DEQ as soon as possible and provide notice to users of the collection site.

(5) If a covered product on a producer responsibility organization's recycling acceptance list pursuant to administrative rule is subsequently added to the uniform statewide collection list pursuant to ORS 459A.914(4)(b), a producer responsibility organization must meet obligations for collection as follows:

(a) only at existing recycling depots or drop off center, as provided by subsection (2)(a) of this rule; and

(b) only if the depot or drop off center is continuing to collect the materials as source separated.

(6) Alternative compliance.

(a) A producer responsibility organization may propose an alternative to the requirements of section 2 of this rule in writing in the producer responsibility organization program plan or an amendment to the plan for approval by the department. If the alternative results in a city or county receiving fewer collection points than required by section 2 of this rule, the producer responsibility organization must demonstrate that it has consulted with the city or county regarding the proposed alternative approach.

(b) If a producer responsibility organization proposes to use collection events as an alternative to the requirements of section 2 of this rule, such events must be predictable (fixed set of locations on a regular schedule and promoted far in advance); and widely advertised.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0650

Performance Standards

(1) Performance standards generally. In providing for the collection and responsible recycling of covered products pursuant to ORS 459A.896(1), a producer responsibility organization must ensure that the following performance standards are met:

(a) Methods. A producer responsibility organization's program plan must provide for how the producer responsibility organization will achieve and maintain collection targets provided by OAR 340-090-0640, convenience standards provided by OAR 340-090-0650, and performance standards. For performance standards, the program plan shall include a description of how the producer responsibility organization will monitor sites and services on a regular basis to ensure compliance with, and reporting to DEQ in a timely manner of any deviations from the program plan and performance standards under this rule.

(b) Free to the public. No fee shall be charged to users of any depot or drop off services, collection events or collection services as provided under ORS 459A.896(1)(a) through (c). If depot collection is provided at a location that normally charges users to access the site (such as a gate fee at a solid waste transfer station), the producer responsibility organization must arrange to waive the fee for the delivery of any covered products on the producer responsibility organization recycling acceptance list.

(c) Promotion. A producer responsibility organization must promote the availability of collection opportunities, how to properly prepare materials for recycling and how to utilize collection opportunities. Such promotion must use methods and materials that are clear, culturally relevant, accessible, and understandable to diverse audiences. A producer responsibility organization must make available to the public through a website that is maintained and available in multiple languages the location and hours of operation for all collection points, and information on how to properly prepare materials for collection.

(d) Accessibility. All collection services shall be reasonably accessible for users of diverse abilities, and safe to interact with for users and service operators. Sites that are unstaffed during some or all hours of operation shall provide a prominently featured hotline number and protocols for quickly responding to concerns regarding site safety, environmental impacts, or accessibility.

(e) Contamination prevention and management. Collection services shall be offered and operated in ways that minimize acceptance of contamination, and that minimize the presence of contamination in outbound materials. A producer responsibility organization's program plan must include protocols for managing materials that are not on the producer

responsibility organization recycling acceptance list but that are delivered to collection points or events. Such protocols must include screening and then accepting and managing the material appropriately, rejecting the material or both, and must also include providing service users with information on proper recycling or disposal options.

(f) Quality assurance. Collection services must be operated in a manner that maintains the quality and marketability of collected materials, including collection of materials indoors or under cover when appropriate.

(g) Litter mitigation. Collection services and associated handling of collected material must be operated in a manner to prevent litter and any other pollution to air or water.

(h) Self-reporting. A producer responsibility organization must report to DEQ, within 2 business days, any incidents that substantially impact the availability or quality of service, or which require the presence of emergency responders (for example police, medical or fire).

(2) Additional performance standards for collection events. In addition to the performance standards in section 1 of this rule, a producer responsibility organization must meet the following performance standards for collection events:

(a) Public education and outreach. A producer responsibility organization shall coordinate with relevant local governments and service providers regarding public outreach and promotion in advance of any collection event.

(b) Staffing and resourcing. A producer responsibility organization shall include in its program plan detailed policies and processes to ensure adequate staffing, managing traffic flow, ensuring safety, and contingency plans for responding to larger-than-expected turnout.

(3) Material specific performance standards. A producer responsibility organization must meet the following additional performance standards when managing the materials listed in this section:

(a) Block white Expanded Polystyrene (EPS):

(A) Collection and transportation of EPS must be conducted in a manner designed to reduce life cycle environmental impacts. Collected EPS shall be densified (compressed into a brick-like form, with most air removed), as described in paragraph B of this subsection, before transporting EPS a distance greater than 75 miles. An alternative threshold distance may be used if approved by DEQ in a producer responsibility organization's program plan.

(B) EPS shall be densified using technologies described in the producer responsibility organization's program plan after consideration of impacts on yield, transport quantities (density), and worker safety and exposure. Densification shall occur in a manner that minimizes worker exposure to air toxics. A producer responsibility organization may only use thermal densification technology if approved to do so by DEQ in its program plan or a plan amendment. A producer responsibility organization must include an assessment of potential impacts to workers and methods that will be followed to minimize such impacts.

(b) Aerosol cans and pressurized cylinders:

(A) A producer responsibility organization may not accept aerosol cans or pressurized cylinders from any non-residential generator unless that non-residential generator affirms in writing its status as a very small quantity generator pursuant to 40 CFR 260.10 and 40 CFR part 262. Any collection point that accepts aerosol cans or pressurized cylinders must be staffed and have acceptance protocols in place to ensure that it does not accept any non-exempt hazardous waste.

(B) A producer responsibility organization shall ensure that all aerosol cans collected pursuant to ORS 459A.896(1) are managed according to universal waste standards pursuant to 40 CFR part 273. Aerosol cans shall be punctured and their contents safely removed, characterized, and managed in accordance with applicable hazardous waste standards where appropriate, prior to sending the empty container to be recycled. The handler of the containers shall meet the standards of 40 CFR 273.13(e)(4) which include but are not limited to following a written procedure for puncturing cans, conducting a hazardous waste determination of all contents, puncturing the cans with a device designed for that purpose, handling waste from the cans safely and recycling the metal.

(C) A producer responsibility organization shall ensure that any pressurized cylinders collected pursuant to ORS 459A.896(1) are managed in accordance with the following standard: pressurized cylinders shall be processed by a regulated hazardous waste treatment, storage, and disposal facility, which shall remove and manage contents according to hazardous waste standards, and then send the containers to a metal recycler or prepare them for reuse. This paragraph does not require the manifesting of pressurized cylinders.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-093-0660

Collection Targets

(1) Collection Targets Generally. A collection target or collection rate is a percentage of total amount of a material generated and is calculated using weight.

(a) For each material on the producer responsibility recycling acceptance list pursuant to OAR 340-090-0630(3), for which collection targets are established, a producer responsibility organization must report, in the annual report required under ORS 459A.887, the weight of collected materials, an estimate of the weight of materials generated, and the ratio of the two, where the weight of collected materials is the numerator and the estimate of weight of materials generated is the denominator. For materials without collection targets only the weight of collected materials must be reported.

(b) A collection rate will be calculated by dividing the weight of materials collected (numerator) by the weight of the materials generated (denominator).

(c) A producer responsibility organization must document all data sources, references, assumptions and calculations used in calculating collection rates. When estimating the

weight of materials generated, a producer responsibility organization must consider data provided by DEQ, its own collection records, and other weight-based data, in addition to sales data reported to it by its members.

(d) The calculation of the numerator in the collection rate may only include the weight of materials targeted for collection and recycling, and may not include the weight of contamination.

(e) Unless otherwise specified in this rule, the numerator in a producer responsibility organization's collection rate calculation may only include the weight of materials collected by the producer responsibility organization (including any party operating under contract to or at the direction of the producer responsibility organization).

(f) As part of its annual report, a producer responsibility organization must demonstrate that it has met the collection target for each material, and if not, the reasons for not meeting the collection target and the specific actions the producer responsibility organization proposes to implement to achieve the collection target.

(2) Materials-Specific Collection Targets. Materials shall have the following collection targets:

(a) Glass. The collection target for glass will be 45 percent and will be calculated as follows:

(A) The numerator is all glass packaging collected at producer responsibility organization depots or other collections as provided under ORS 459A.896(1) and all glass collected by local governments or their designated service providers (for example on-route collection).

(B) The denominator is all glass packaging (bottles and jars) generated in Oregon, less bottle bill collections.

(b) Polyethylene film. The collection target for polyethylene film is as follows:

(A) 25 percent in 2028,

(B) 27 percent in 2029,

(C) 29 percent in 2030,

(D) 31 percent in 2031,

(E) 33 percent in 2032,

(F) 35 percent in 2033,

(G) 37.5 percent in 2034,

(H) 40 percent in 2035,

(I) 42 percent in 2036,

(J) 44 percent in 2037,

(K) 46 percent in 2038,

(L) 48 percent in 2039, and

(M) 50 percent by 2040 and in subsequent years.

(c) Other materials. A producer responsibility organization must propose collection targets for other materials each time it submits a program plan for approval. Other materials that a producer responsibility organization must propose collection targets for include those identified in OAR 340-090-0630(3)(a), (b), (e), and (g) – (j). In program plans after the first plan, the producer responsibility organization must propose an increase in the collection target for these select other materials or provide a justification and explanation for why it is not proposing an increase. A producer responsibility organization may propose one combined collection target and report one combined collection rate for materials identified in OAR 340-090-0630(3)(h) and (i).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0670

Responsible End Markets

(1) Definition of end market. For purposes of ORS 459A.869(7) and ORS 459A.896(2)(a), end markets are defined by material as follows:

(a) For glass the end market is the entity that first uses the glass in lieu of a virgin material downstream of the beneficiation plant, if any, where bottles are crushed, for example a bottle manufacturer, fiberglass manufacturer or pozzolan (used to make cement and concrete) producer.

(b) For metal the end market is the entity that smelts the recycled material and produces ingots, sheet, coil, or other materials that are subsequently refabricated into packaging or product.

(c) For paper the end market is the entity that re-pulps the recycled material either into a pulp product that is sold to paper manufacturers or used to produce paper or paperboard products. If paper is recycled in a manner that does not involve repulping (for example, used to produce a wallboard product), the end market is the entity that uses the waste paper to produce a product that is sold without further transformation or manufacturing.

(d) For plastic, except for plastic that is recycled to produce packaging for food or beverage applications or for production of children's products, the end market is the entity that last handles flake or pellet containing recycled plastic prior to sale or transfer to another person that creates a new product either by placing it into a mold or through extrusion or thermoforming.

(e) For plastic that is recycled to produce packaging for food and beverage applications or for production of children's products, the end market is the entity that places it into a mold for the manufacturer of such packaging or product.

(2) Standard for responsible end markets.

(a) For an end market to be a responsible end market, the end market and all entities in the supply chain leading to the end market must meet the following standards:

(A) Compliant. Meaning the entity follows its own local, state, and national laws (including relevant environmental, labor, and public health laws) and treaty obligations, and is registered and permitted as required by local, state, and national authorities.

(B) Transparent. Meaning the entity is willing to be named and audited, provides chain of custody documentation tracking materials (originating in Oregon) to disposition, maintains record keeping relevant to chain of custody and material disposition in accordance with ORS 459A.962(7), and promptly documents within the chain of custody any penalties, violations or regulatory orders received.

(C) Environmentally-sound. Meaning the entity is willing to be audited and monitored for outdoor air, water and land emissions and disposal; stores and manages waste and recyclables in a way that avoids release into the environment; and manages inputs sustainably. This includes demonstrating adequate emergency response and environmental health, safety, and management plans; and

(D) Achieving adequate recycling yields. Meaning the recycling supply chain recycles or causes to be recycled at least 60 percent of each material listed in the recycling acceptance lists (if applicable, consisting of the uniform statewide collection list developed pursuant to OAR 340-090-0630(4) and ORS 459A.914(4)(b), the producer responsibility organization recycling acceptance list as described in OAR 340-090-0630(3), and the list of specifically identified materials as promulgated and maintained by DEQ pursuant to ORS 459A.917, even if multiple materials are mixed together, with the remaining material managed in a responsible manner and in alignment with Oregon's hierarchy of materials management pursuant to ORS 459.015.

(b) The responsible standard described in subsection (a) of this section applies to all entities in the supply chain after the commingled recycling processing facility or producer responsibility organization collection point (or post-collection in a supply chain without either facility) up to, and including, the end market.

(c) Recycling yield, as stated in section 2(a)(D) of this rule, will be determined as follows:

(A) For all materials except for spiral wound containers or composite containers made of paper and steel, the recycling yield is the amount of the material that was successfully processed by the end market divided by the amount of the material that entered the recycling supply chain initially.

(B) For spiral wound containers or composite containers made of paper and steel, the recycling yield is the amount of the metal fraction or paper fraction of the material that was successfully processed by the end market, divided by the amount of that fraction that entered the recycling supply chain initially. If the yield of either the metal fraction or of the paper fraction exceeds 60 percent, the composite material is achieving adequate yields.

(C) Calculation of recycling yield shall exclude any contaminants that are included in the bale of received material, as well as incidental materials that are adhered to the received material but are not targeted for recovery, such as tape and staples on corrugated boxes, or inks and labels on most types of packages.

(D) For the purpose of determining whether at least 60 percent of each material is recycled, yield for individual materials that are recycled separately from other materials must be evaluated on the basis of those individual materials. For materials that are mixed together (such as a bale of mixed paper or mixed plastic), yield must be evaluated as follows:

(i) Yield for items listed in OAR 340-090-0630(2)(d) must be evaluated separately from other materials.

(ii) Yield for items listed in OAR 340-090-0630(2)(f) must be evaluated separately from other materials if recycled at a paper mill.

(iii) Yield for items listed in OAR 340-090-0630(2)(k) must be evaluated separately for materials identified in each subparagraph of paragraphs (A) through (E).

(iv) Yield must be evaluated separately for any materials proposed by a producer responsibility organization for addition to the uniform statewide collection list pursuant to ORS 459A.914(4)(b) in a producer responsibility program plan or plan amendment and approved by DEQ under ORS 459A.878, if required by DEQ.

(v) Yield for other materials mixed together may be evaluated in total.

(3) Implementation of the responsibility standard by a producer responsibility organization.

(a) A producer responsibility organization must ensure that materials collected for recycling go to responsible end markets as detailed in ORS 459A.896(2) and this rule by completing the following two steps successively:

(A) First, a producer responsibility organization must, using a screening assessment form provided by DEQ, receive and corroborate written verification from each end market and intermediary supply chain entity that it meets the responsible standard provided by section 2 of this rule.

(B) Next a producer responsibility organization must conduct a more detailed assessment of whether each end market and intermediary supply chain entity meets the responsible standard provided by section 2 of this rule, either through a verification by the producer responsibility organization as provided by subsection (e) of this rule or through third-party certification from an Environmental Quality Commission-approved program.

(b) For materials described under ORS 459A.869(7)(a) and any other materials collected by a producer responsibility organization (including collected through contract with a producer responsibility organization), a producer responsibility organization must complete the step provided by paragraph (a)(A) by the start date of the program (as defined in OAR 340-090-0720), and the step provided by paragraph (a)(B) within one year of the start date of the program. For such materials added after the start date of the program a producer responsibility organization must complete the step provided by paragraph (a)(A) prior to delivery of the materials to the end market, and the step provided by paragraph (a)(B) within six months of first delivery to the end market.

(c) For materials described under ORS 459A.869(7)(b) and any other materials not collected by the producer responsibility organization, a producer responsibility organization must complete the step provided by paragraph (a)(A) within six months of the program start date (as defined in OAR 340-090-0720, and the step provided by paragraph (a)(B) within 15 months of the start date of the program. For such materials added after the start date of the program a producer responsibility organization must complete the step provided by paragraph (a)(A) within six months of delivery of the materials to the end market, and the step provided by paragraph (a)(B) within 15 months of first delivery to the end market.

(d) If a producer responsibility organization completes the step provided by paragraph (a)(B) prior to and within the timeline of the step provided by paragraph (a)(A), the producer responsibility organization is not required to perform the step provided by paragraph (a)(A).

(e) The producer responsibility verification required by paragraph (a)(B) of this section must contain the following:

(A) A description of how a producer responsibility organization determined that the indicated entity or entities (if final disposition occurred at multiple sites) was the end market;

(B) A list of local, state and national laws and international treaties applicable to the entity as required by section 2(a)(A) of this rule;

(C) Documentation that the end market and intermediary supply chain entities meet all requirements of section 2 of this rule;

(D) Documentation of any noncompliance with the requirements section 2 of this rule.

(E) Documentation of the qualification of the auditor required by section 4 of this rules; and

(F) Certification and signature from the auditor required by section 4 of this rule that the end market meets the requirements of section 2 of this rule.

(f) The detailed verifications required by paragraph (a)(B) of this rule and certification audits required by section 4 of this rule must occur on an annual basis, with the first renewal verification or certification audits occurring within a year of initial certification.

(4) Auditing. To demonstrate compliance with the requirement that materials collected for recycling go to responsible end markets as required by ORS 459A.896(2) and this rule, a producer responsibility organization must conduct auditing and provide audit results in annual reporting to DEQ. These audits must include results of random bale tracking to verify chain of custody and must demonstrate and certify that end markets meet the requirements of section 2 and 3 of this rule. For the purposes of enforcement, DEQ may conduct its own random bale tracking.

(5) Definition of practicable. For purposes of ORS 459A.869(7) and ORS 459A.896(2), practicable actions that may be undertaken by a producer responsibility organization must be determined in accordance with this rule.

(a) Practicable actions may include, but are not limited to, the following:

(A) Providing financial support to help an existing end market that does not meet the standard for responsible under section 2 of this rule or an existing market that is not in alignment with the hierarchy of materials management options under ORS 459A.015(2), to upgrade or change operations to become responsible or aligned with the hierarchy of materials management.

(B) Providing financial support to divert materials to a different end market that is responsible under section 2 of this rule or in alignment with the hierarchy of materials management.

(C) Directing materials to an alternative end market if materials are directly under producer responsibility organization control.

(D) Offering to buy or take ownership of materials to directly control their flow if materials are not already directly under the control of the producer responsibility organization.

(E) Developing a new market for a material.

(b) If the results of an audit under section 4 of this rule show that an end market does not meet the responsible end market standards in section 2 of this rule, the producer responsibility organization must carry out practicable actions to meet the responsible end market standards in section 2 of this rule.

(c) A producer responsibility organization may not claim that an action is not practicable simply because it results in higher costs for the producer responsibility organization. A claim that an action is not practicable must demonstrate costs that are not justified given the resulting societal benefits. A producer responsibility organization must choose one of the following two methods for showing that costs are not justified given resulting societal benefits:

(A) Evaluate the per-ton transactional costs of all possible solutions against the benchmark for average societal benefit of recycling. The benchmark for average societal benefit of recycling is \$2,017 per ton expressed in 2021 dollars, and will be adjusted for inflation no more frequently than once per year. Any adjustment shall be limited to an adjustment using

the CPI - U as published by the Bureau of Labor Statistics, using calendar year 2021 as the base year which corresponds to the benchmark value. A per-ton cost lower than the societal benefit benchmark is cost effective and potentially practicable. A per-ton cost higher than the per-ton societal benefit value is not practicable.

(B) Perform an analysis of financial costs and societal benefits customized to the particular materials and practices at hand. A customized approach could be warranted under several circumstances, such as if the material in question has a societal benefit well below the system-wide average.

(d) The department will review and evaluate a producer responsibility organization claim that an action is not practicable due to costs. If the department agrees with the claim, the department will then review the material in question and its inclusion in a recycling acceptance list. If the department's review determines that an action is practicable, then the producer responsibility organization must immediately undertake that action.

(e) DEQ will consult with the Oregon Recycling System Advisory Council prior to deciding if an action is practicable.

(6) Reporting. A producer responsibility organization must append all screening assessments, verification reports, and certification reports conducted in a given quarter to quarterly disposition reports submitted to DEQ pursuant to ORS 459A.887(6).

(7) Application of Oregon's Material Management Hierarchy. In cases of conflict between the elements of Oregon's material management hierarchy under ORS 459.015(2)(c)(C)(i) (preference for recycling pathways that displace more impactful materials) and ORS 459.015(2)(c)(C)(ii) (preference for recycling pathways that best preserve value and molecular structure), DEQ may identify the environmentally preferable option among pathways under consideration.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0680

Producer Responsibility Organization Coordination

(1) Interim coordination.

(a) For the initial program period, if DEQ receives program plans from multiple prospective producer responsibility organizations, DEQ may appoint an interim coordinator to coordinate among the prospective producer responsibility organizations. The interim coordinator will develop an interim coordination plan that meets the criteria of section 2 of this rule. The interim coordinator will serve in its role until December 31, 2026, or until a coordination plan proposed by the producer responsibility organizations has been approved by DEQ, whichever comes sooner.

(b) From March 31, 2024, onward and prior to the approval by DEQ of a coordination plan developed by the producer responsibility organizations, DEQ may assign interim

coordination tasks, including but not limited to those listed in sub-section (c)(A) of this rule, to a producer responsibility organization or to a willing applicant producer responsibility organization. When assigning tasks to a producer responsibility organization DEQ will consider the following criteria during the program plan review:

- (A) The qualifications of the producer responsibility organization;
- (B) The producer responsibility organization's access to financial resources;
- (C) The initial producer membership of the producer responsibility organization; and
- (D) The quality of the program plan submitted by the producer responsibility organization.

(c) DEQ may assign interim coordination tasks to approved producer responsibility organizations, or to willing applicant producer responsibility organizations. Approved producer responsibility organizations must begin the interim coordination tasks upon DEQ assigning the task. The tasks required by this subsection include the following:

(A) Setting up single accounting point of contact and invoice processing system for required producer responsibility organization compensation payments, including:

(i) Payment of contamination management fees (ORS 459A.920) and processor commodity risk fees (ORS 459A.923) to commingled recycling processing facilities;

(ii) Compensation to (and associated negotiation with) local governments for service expansion on the basis of the needs assessment (ORS 459A.890(5) and (8)).

(iii) Compensation to local governments for expenses besides service expansion (ORS 459A.890 not including subsection (5)); and

(iv) Compensation to existing depots for service expansion to accommodate products on the producer responsibility organization depot list (ORS 459A.896(1)(a)).

(B) Setting up a system to reconcile expenses amongst producer responsibility organizations, in proportion to modified market share as required by OAR 340-090-0700(2).

(C) Establishing a depot collection system (per ORS 459A.896(1)) that meets collection targets, convenience standards and performance standards established by the Environmental Quality Commission.

(D) Developing and issuing educational materials that promote the uniform statewide collection list and other requirements pursuant to ORS 459A.893.

(d) The interim coordinator will conduct the following tasks in consultation with DEQ and the producer responsibility organizations:

(A) Calculate the modified market share of each producer responsibility organization as required by OAR 340-090-0700(3).

(B) Define the standard product categorization to be used in producer responsibility organization membership fee structures.

(e) The interim coordinator will develop an interim coordination plan meeting the requirements of section 2 of this rule. The interim coordinator will review the draft plan with all prospective producer responsibility organizations and with DEQ, and then produce an updated version for review and approval by DEQ. Once approved by DEQ, producer responsibility organizations must follow the interim plan until it is replaced with a final coordination plan.

(f) DEQ's costs in appointing and overseeing an interim coordinator are costs of administering the provisions ORS 459A.860 to 459A.975.

(2) Standards and requirements for coordination plans.

(a) A producer responsibility organization is responsible for the implementation of an approved coordination plan.

(b) A coordination plan must include:

(A) Identification of the producer responsibility organization coordinating body;

(B) A process for designating a new coordinating body and notifying DEQ in advance;

(C) A process for resolving disputes between producer responsibility organizations and between producer responsibility organizations and local governments and their service providers;

(D) A process by which a producer responsibility organization or multiple producer responsibility organizations will assume responsibilities to implement a coordination plan should the coordinating body be unable to implement the coordination plan;

(E) A process to address coordination in the event a producer responsibility organization ceases implementation of a producer responsibility program; and

(F) A plan for how the producer responsibility organizations will coordinate to ensure that their obligations under provisions ORS 459A.860 to 459A.975 are met.

(c) In reviewing a coordination plan submitted for approval, DEQ will consider whether the coordination plan will ensure:

(A) Achievement of the statewide plastics recycling goal established under ORS 459A.869(9), including development of combined plastic recycling rate projections across all producer responsibility organizations;

(B) Education that promotes the uniform statewide collection list as provided under ORS 459A.893;

(C) A Single-point-of-contact accounting that provides timely funding, reimbursement, and payments required under ORS 459A.860 to 459A.975, including funding, reimbursement and payments related to ORS 459A.890, ORS 459A.896, ORS 459A.920, and 459A.923;

(D) Processes to allocate costs among producer responsibility organizations that are proportional to modified market share as required by OAR 340-090-0700(2);

(E) A consistent statewide system to ensure all Oregon residents can easily identify, understand, and access services provided through ORS 459A.860 to 975, including through consistent messaging and branding, and through a single website listing the services provided by all producer responsibility organizations under ORS 459A.896;

(F) Assurance that all covered products collected for recycling are delivered to responsible end markets and managed according to Oregon's materials management hierarchy, as required by ORS 459A.896(2);

(G) A single point of contact for communicating with the Recycling Council and DEQ, including Recycling Council recommendations and material lists;

(H) Establishment of a recycling depot system that meets collection targets, convenience standards, and performance standards established in OAR 340-090-0640, OAR 340-090-0650, and OAR 340-090-0660;

(I) A process for aggregating data submitted by producer responsibility organizations to calculate and publish modified market shares, identify and publish a list of large producers, and report market share data to DEQ; and

(J) A list of standard product categories that the producer responsibility organizations will use to establish their membership fees pursuant to ORS 459A.884.

(3) Rules establishing processes for submittal, review, approval or rejection, amendment, and revocation of coordination plans.

(a) Producer responsibility organizations must jointly submit a coordination plan to DEQ by February 1, 2026. Once approved, this plan will replace the interim coordination plan described in section 1 of this rule.

(b) DEQ will approve a coordination plan if it determines that the plan adequately meets all requirements of section 2 of this rule.

(c) The coordination plan review period of up to 270 days will consist of the following phases:

(A) DEQ shall approve, approve with conditions, or reject the submittal within 90 days of receiving it. If DEQ rejects the submittal, DEQ will provide comments that discuss the reasons for the rejection.

(B) If DEQ rejects the submittal, the producer responsibility organizations must jointly submit a revised plan no later than 60 days from the date of rejection. The revised submittal must address DEQ's comments on the initial submittal.

(C) DEQ shall approve, approve with conditions, or reject the revised submittal within 90 days of receiving it. If DEQ rejects the revised submittal, DEQ may do the following:

(i) Request that the producer responsibility organizations make further revisions to the plan;

(ii) Direct the producer responsibility organization to make specific revisions to the plan; or

(iii) Issue an order to direct implementation of an alternative coordination plan pursuant to section 4 of this rule.

(D) The producer responsibility organizations must jointly submit a second revised plan, pursuant to paragraph (c)(C)(i) or (ii) of this section, no later than 30 days from the date of second rejection.

(E) If the second revision is not timely or does not meet the coordination plan requirements of section 2 of this rule to DEQ's satisfaction, DEQ may direct specific revisions or issue an order to direct implementation of an alternative coordination plan pursuant to section 4 of this rule. Failure to submit an approvable plan under paragraph D of this this subsection is a violation of these rules for purposes of enforcement. If DEQ directs revisions, the producer responsibility organizations must implement the revisions or request a hearing as provided in ORS chapter 183.

(d) Producer responsibility organizations may only change an approved coordination plan through plan amendments. Producer responsibility organizations must submit a coordination plan amendment to DEQ for approval at least 45 days before the change is to take effect. DEQ will approve or reject the amendment request within 45 days of receiving the request. DEQ may, for good cause, allow the producer responsibility organizations to submit an amendment request less than 45 days before the change is to take effect.

(e) DEQ's rejection of a coordination plan or plan amendment does not relieve the producer responsibility organizations or the coordination body from continuing to implement an approved coordination plan.

(f) In accordance with the applicable provisions of ORS chapter 183 relating to contested case proceedings, DEQ may issue an order to suspend, amend, or revoke a coordination plan in whole or in part if it determines that implementation of the coordination plan would:

(A) Present a risk to the environment or public health, or

(B) Have a material impact on the ability of a producer responsibility organization to implement its producer responsibility program plan in compliance with ORS 459A.860 to 459A.975.

(4) DEQ issuance of an order requiring a coordination plan.

(a) If no coordination plan is submitted within the timelines specified in section 3 of this rule, or if DEQ rejects a revised coordination plan pursuant to section 3 of this rule, DEQ may require the producer responsibility organizations to implement a coordination plan by order.

(b) The order will provide a start date and include any requirements DEQ determines are necessary to implement ORS 459A.860 to 459A.975 and related rules. The order may direct a producer responsibility organization to undertake the role of coordinating body and coordinate the implementation of the order and require that all other producer responsibility organizations collaborate with the coordinating body on implementation of the plan.

(c) Failure to adequately implement or comply with an order issued under this section is a violation of these rules.

(d) Within 20 days of the issuance of an order under this section a producer responsibility organization may request a hearing as provided in ORS chapter 183 . If a producer responsibility organization requests such a hearing under ORS chapter 183 the producer responsibility organizations shall continue to implement the order pending the outcome of legal proceedings.

(5) Coordination rules for the entry of new producer responsibility organizations.

(a) If a new producer responsibility organization enters the program in 2026 or later, the approved producer responsibility organizations coordination plan must be updated by plan amendment. If no producer responsibility organization coordination plan has been approved by DEQ, one must be submitted and finalized within one year, subject to the review process outlined in rule OAR 340-090-0680(3). The timelines and procedures provided in section 1 for interim coordination will apply to a new producer responsibility organization before 2026.

(b) If an updated producer responsibility coordination plan is not approved within the one year DEQ may require the implementation of a coordination plan by order pursuant to section 4 of this rule.

(c) During the plan development and review phase under subsection (a), DEQ may revoke the existing coordination plan and reinstate interim coordination pursuant to section 1.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0690

Producer Responsibility Organization Fees

- (1) Program Plan Review Fee. Each producer responsibility organization that submits a plan under ORS 459A.875 will pay a fee of \$150,000 for DEQ's review of the plan. A producer responsibility organization will pay the fee when it submits the plan to DEQ. A plan will not be considered submitted to DEQ until the fee is paid.

(2) Annual Administration Fee. DEQ will assess an annual administration fee each calendar year in the amount of \$4,000,000 for the first four years of the program (2025-2028) and \$3,000,000 for all subsequent years of the program.

(a) DEQ will invoice and a producer responsibility organization must pay the annual administration fee as follows:

(A) In the first program year (covering 2025) DEQ will send a producer responsibility organization a provisional invoice on or before September 1, 2024. DEQ will send a producer responsibility organization a final invoice upon completion of the producer responsibility program plan approval process under ORS 459A.878. A producer responsibility organization will pay the first program year's fee within 30-days of DEQ sending it a final invoice.

(B) In each year after the first program year DEQ will invoice a producer responsibility organization on or before September 1 of the proceeding program year for payment within 30-days of invoicing.

(b) DEQ may at its discretion reduce the fee in a given year if it determines that the full amount is not required to pay the costs of administering, implementing and enforcing the provisions of ORS 459A.860 to 459A.975 in that year.

(c) If DEQ has approved only one producer responsibility organization plan under ORS 459A.878 for a given year that producer responsibility organization will pay the entirety of the annual administration fee.

(d) If DEQ has approved more than one producer responsibility organization plan under ORS 459A.878 for a given year the annual administration fee will be divided among the producer responsibility organizations as follows:

(A) In the first program year the producer responsibility organizations will pay to DEQ equal shares of the annual administration fee. On or before September 1, 2025, DEQ will notify the producer responsibility organizations of the interim modified market share calculations pursuant to OAR 340-090-0700(3). The producer responsibility organizations will reconcile payment with each other such that each producer responsibility organization pays a total amount of the annual administration fee that is proportional to its modified market share.

(B) In each year after the first program year the fee will be divided between the producer responsibility organizations in proportion to their modified market share as determined by OAR 340-090-0700(2).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0700

Market Share

Market share as used in ORS 459A.860 to 968 and related rules is a producer's percentage of all covered products sold in or into this state, as calculated in accordance with this rule.

(1) Methods for Calculating Market Share. Market share will be calculated as follows:

(a) Market share will be denominated by the percentage of weight (mass) of covered product measured in kilograms.

(b) A producer's market share will be calculated by dividing the weight of all covered products sold or distributed by the producer in or into Oregon in a particular program year by the total weight of all covered products sold or distributed by all producers in or into Oregon in that year.

(c) A producer responsibility organization's market share will be calculated by dividing the summed weight of all covered products sold or distributed by all of the producer responsibility organization's member producers in or into Oregon in a particular program year by the total weight of all covered products sold or distributed by all producers in or into Oregon in that year.

(d) A producer must on an annual basis submit market data establishing the weight of covered products sold or distributed in or into Oregon to the producer responsibility organization to which it belongs. Producers must submit a description of their methodology for calculating covered product weight to the producer responsibility organization along with the data. Methodology used must be in accordance with applicable best practices. If estimated market data is submitted by a producer and better market data becomes available that demonstrates the estimates were not accurate, the producer must report corrections to the estimated data to the producer responsibility organization before the next annual reporting deadline.

(e) When submitting market data to DEQ in an annual report, a producer responsibility organization will submit the methodological justifications along with the corresponding data.

(2) Purpose of and Method for Calculating Modified Market Share. If DEQ approves more than one producer responsibility organization plan pursuant to ORS 459A.878, financial obligations of implementation of provisions ORS 459A.860 to 459A.975 will be allocated among the producer responsibility organizations by modified market share, as provided by this section.

(a) Modified market share will be denominated in percentage of financial burden measured in US dollars.

(b) A producer responsibility organization's modified market share will be calculated as follows:

(A) The material-specific unit factor, described in subsection c of this section, is multiplied by the total weight of covered products of each material sold or distributed in or into Oregon by each member producer;

(B) The results of paragraph A for each material and each member producer of the producer responsibility organizations are summed;

(C) the weight of all covered product of each material sold in or into Oregon in a given year is multiplied by the material-specific unit factors and the result for each material are summed;

(D) The result of paragraph B is divided by the result of paragraph C.

(E) The result of paragraph D is a producer responsibility organization's modified market share.

(c) The method and process for calculating material-specific unit factors for individual materials shall be included in any coordination plan approved by DEQ pursuant to OAR 340-090-0640. During the period of interim coordination pursuant to OAR 340-090-0640(1), DEQ will contract with an independent organization to develop an index of material-specific unit factors.

(3) Interim Reporting of Market Share. By August 1, 2025, a producer responsibility organization must report information that will be used to calculate "interim market share" and "interim modified market share" for the 2025 program year to DEQ. Interim market share is estimated market share for July 1 - December 31, 2025, calculated from estimates of the weight of covered product sold into Oregon by each member producer, organized by type of material. Interim modified market share is estimated modified market share for July 1 - December 31, 2025, calculated from these same producer estimates. Pursuant to ORS 459A.869(12), a producer responsibility organization's minimum interim market share is 10%.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

• **OAR 340-090-0710**

Proprietary Information

(1) For purposes of ORS 459A.860 to 975 "proprietary information" is information protected as a trade secret under the Uniform Trade Secrets Act.

(2) A party providing information to DEQ that it considers proprietary or otherwise confidential must, at the time it provides the information, specify that the information is proprietary or otherwise not subject to disclosure. The claim must be assigned to specific information and not a generalized statement.

(3) DEQ may require at any time that a claimant substantiate its claim that information is proprietary or confidential.

(4) Notwithstanding section 1 of this rule, the following information is not proprietary for purposes of ORS 459A.860 to 975:

- (a) Information that is already publicly available and where any potential economic value is derived solely from compilation;
 - (b) The market shares of producer responsibility organizations;
 - (c) The list of the top 25 producers in Oregon by market share in alphabetical order, and
 - (d) The list of end markets of Oregon's waste including the business or person name; city, state, region, and country; identity of the material received; and amount received, excluding the names of the commingled recycling processing facilities where the waste originated.
- (5) If necessary for the implementation or enforcement of ORS 459A.860 to 975, DEQ may bring proprietary information to the attention of a producer responsibility organization, provided that the producer responsibility organization agrees to treat the information in accordance with the limitations in statute and rule.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0720

Program Calendar

- (1) The first three-year producer responsibility program plan period will include the 2025, 2026, and 2027 calendar years. It will run from July 1, 2025 (or earlier in 2025, if stipulated in approved program plan) to December 31, 2027.
- (2) Subsequent producer responsibility program plan periods will run for five-year increments beginning on January 1 and ending on December 31 (the first set of updated plans will be valid from a start date of January 1, 2028 through to an end date of December 31, 2032).
- (3) Prospective new producer responsibility organizations may submit program plans on the same calendar as renewal applicants (180 days before the end of a program period) and may also submit plans at other times (for example, midstream in a program period) upon petitioning DEQ and receiving advance approval.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0730

Producer responsibility organizations with less than 10 percent market share

- (1) If DEQ determines that a producer responsibility organization's market share has fallen below the 10 percent threshold provided by ORS 459A.869(12), DEQ shall:

- (a) Issue notification to the producer responsibility organization of the intent to revoke plan;
- (b) Begin a 60-day review process, during which the producer responsibility organization may describe any actions it will undertake to exceed the 10 percent threshold;

(c) After the conclusion of the 60-day review period, issue either an order revoking the producer responsibility organization's program plan or a notification that the plan will not be revoked; and

(2) If DEQ revokes a plan under this rule the producer responsibility organization must notify its producer members. Producer responsibility organization members will have 60 days to transition to another producer responsibility organization.

(3) If DEQ notifies a producer responsibility organization that a plan will not be revoked, pursuant to subsection 1(c) of this rule, DEQ may include any of the actions described by the producer responsibility organization pursuant to subsection 1(b) of this rule as conditions on its decision not to revoke the plan.

(4) An order revoking a plan under this rule may be appealed as provided in ORS chapter 183.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0740

Reporting for plastic goal

To enable DEQ to assess progress toward the statewide plastic recycling goal, a producer responsibility organization's annual reporting of the weight of plastic packaging and food serviceware sold in Oregon by member producers must use a product categorization that aligns with the uniform statewide collection list categorization of products, as required under ORS 459A.887(2)(c).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0750

Program plan amendments and producer responsibility organization fees

(1) A producer responsibility organization's routine, annual updating of base fee rate amounts to align with the most recent sales information received from member producers does not constitute a method change and will not require a program plan amendment.

(2) Changes to fee structure or method of calculating fees constitute a method change and will require a program plan amendment.

(3) A producer responsibility organization may request provisional approval of a plan amendment if it needs to implement a fee structure method change rapidly due to financial urgency. If such a request is made, DEQ will respond within 30 days. If provisional approval is granted, the producer responsibility organization may implement the fee schedule method change on a provisional basis while the process for final approval, pursuant to ORS 459A.878, is ongoing. If the plan amendment is ultimately not approved, the producer responsibility organization must correct its member accounts to reverse the provisional change.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0760

Producer responsibility organization membership fees

A material is accepted by recycling collection programs in this state, for the purpose of ORS 459A.884(3), only if it is designated by rule on the Local Government Recycling Acceptance List, pursuant to OAR 340-090-0630(2), or the Producer Responsibility Organization Recycling Acceptance List, pursuant to OAR 340-090-0630(3), or otherwise has been added to the Uniform Statewide Collection List by the mechanism provided for in ORS 459A.914(4)(b).

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

340-090-0770

Local Government Transportation Costs Reimbursement

- (1) A producer responsibility organization must pay the costs of transporting covered products from a recycling depot or recycling reload facility to a commingled recycling processing facility or a responsible end market as provided by ORS 459A.890(2) and this rule.
- (2) Transportation costs must be based on the actual costs of managing and transporting covered products that must be shipped more than 50 miles.
- (3) The 50-mile distance in section 2 of this rule and ORS 459A.890(2)(b)(E) is the shortest driving distance to the nearest commingled recycling processing facility or a responsible end market with capacity to accept the material and applies to covered products as stated in subsections (a) through (d) of this section.
 - (a) If the material is fully commingled, the distance measured is to the nearest commingled recycling processing facility with capacity to accept the material.
 - (b) If the material is collected separately (for example glass) or is not fully commingled and requires further sorting or processing before being received by a responsible end market, then the distance is measured to the nearest processing or sorting facility that will prepare the material and send it to a responsible end market.
 - (c) If the material is collected separately and in a condition that would allow it to be received directly by a responsible end market without additional processing, then the distance is measured to a responsible end market.
 - (d) If a separated material or a group of materials is initially taken to a commingled recycling processing facility or other processing facility and the material requires additional processing or sorting before it can be accepted by a responsible end market, then the distance is measured to the initial commingled recycling processing facility or other processing facility. The producer responsibility organization is not responsible under this

rule for paying the transportation costs associated with the transport of material from the initial commingled recycling processing facility or other processing facility to additional processing facilities or a responsible end market.

(4) Costs to receive, consolidate, load and transport covered products include, but are not limited to, purchasing and maintaining equipment, signage, and other similar costs of operating the recycling depot or recycling reload facility not already covered under other sections of ORS 459A.860 through ORS 459A.975.

(5) Transportation costs include administrative costs related to the activities described in ORS 459A.890(2). Administrative costs include, but are not limited to, costs related to staffing and the hiring and managing of staff.

(6) Transportation costs do not include the proportion of a shipment of recyclable material that is not covered products, as provided by ORS 459A.890(2)(b)(C). Costs that are not eligible for payment under ORS 459A.890(2)(b)(C) will be determined as stated in subsections (a) through (c) of this section.

(a) Until completion of the study described in subsection (b) of this section, a producer responsibility organization will use data from the 2023 Oregon Solid Waste Characterization and Composition Study to determine the proportion of a shipment of recyclable material that is not covered products.

(b) Starting in 2027, and at least once every five years thereafter, a producer responsibility organization must fund a study to determine the proportion of collected recyclable material that is covered product and is eligible for transportation costs reimbursement. The study will include the following:

(A) The study will provide statewide averages for the proportion of covered material in commingled recyclable material, recyclable material that is collected separately and recyclable material that is not fully commingled. For the latter two categories the study may provide different averages for different materials as appropriate.

(B) Study protocols and timing must be included in the producer responsibility organization's program plan and will be approved as a part of plan approval under ORS 459A.878. If multiple producer responsibility organization program plans are approved by DEQ, the producer responsibility organizations' coordinating body will undertake one study and submit a joint study protocol to DEQ for approval in the manner provided by DEQ.

(C) Upon completion of a study, a producer responsibility organization, or coordinating body, will use the statewide averages from the study to determine the proportion of a shipment of recyclable material that is not covered products.

(c) If a local government, a local government's service provider or a producer responsibility organization believes that the local commingled recycling stream has a substantially different proportion of recyclable material that is not covered products compared to the statewide average, then a local government, a local government's service provider or a producer responsibility organization may, at their own expense, conduct a study to better

determine the proportion of recyclable material that is not covered products in the local collected commingled recycling stream. The party conducting the study will provide the other parties and DEQ at least 30 days to comment on study methods. The dispute resolution process in the producer responsibility organization's approved program plan shall apply to any dispute between the producer responsibility organization, or a coordinating body, and the local government or local government's service provider regarding a study performed under this subsection. Upon completion of the study and subject to dispute resolution and DEQ concurrence, the averages determined in the study will be used by a producer responsibility organization, or a coordinating body, and the local government or local government's service provider that performed the study.

(7) Transportation costs include the cost to receive, consolidate, and load covered products. If a shipment of material contains both covered products and material that is not covered products, the cost a producer responsibility organization, or a coordinating body, must pay to receive, consolidate and load are the costs associated with the covered product. If such costs associated with the covered products cannot be separated from such costs associated with material that is not covered product and a producer responsibility organization and a local government or local government's service provider cannot otherwise agree on the payment of such costs, the producer responsibility organization, or coordinating body, will pay the total cost to receive, consolidate and load the material reduced by the estimated proportion of the material that is not covered product.

(8) For purposes of this rule, material is not fully commingled if a load of recyclable material intended to be transported to a commingled recycling processing facility contains some but not all the material listed on the Uniform Statewide Collection List.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0780

Method for Determining Payment of Transportation Costs

(1) A producer responsibility organization must include in a program plan submitted under ORS 459A.875 methods for calculating transportation costs.

(a) Methods may include rate schedules or zonal maps specific to locations and materials, periodic adjustments for fuel prices or other variable factors.

(b) Methods must account for proximity to an appropriate commingled recycling processing facility or responsible end market that has capacity to process or recycle the material and other factors that could affect transportation costs.

(c) Methods must include a voluntary option that allows service providers to transfer some or all transportation responsibilities to the producer responsibility organization or coordinating body.

(d) A producer responsibility organization must share a draft approach and seek feedback from local governments and local government service providers to develop the proposed methods.

(e) DEQ will consider feedback from local governments and local government service providers on the method proposed by the producer responsibility organization in determining whether to approve the method as part of the producer responsibility plan under ORS 459A.878. DEQ may require a producer responsibility organization to amend an approved program plan at any time if the department determines that the approved methods are not adequate.

(f) A producer responsibility organization must implement the method for paying transportation costs approved as part of its program plan.

(2) A producer responsibility organization, or a coordinating body, a local government or designated local government's service provider and DEQ may agree in writing to use an alternative method of calculating transportation costs that is not approved as part of the program plan, provided that the alternative method complies with ORS 459A.890(2)(c) and any other applicable requirements.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0790

Expansion of Service

(1) The program plan must describe how the producer responsibility organization will implement the requirements of ORS 459A.890(5), this section and OAR 340-090-0800. The producer responsibility plan must include:

(a) A schedule for implementing collection program expansions and improvements throughout the state;

(b) For the initial program plan period only (July 2025 through December 2027), a plan for how the producer responsibility organization will implement expansion of collection services according to the following order of priority:

(A) Highest priority shall be given to local governments that are not, or will not be, able to provide the opportunity to recycle as stated in ORS 459A.005 and ORS 459A.007, in the absence of producer responsibility organization funding.

(B) Existing recycling depots to provide for the collection of any materials that were formerly collected on-route by the local government or a local government's service provider, as needed to ensure continuation of recycling opportunities.

(C) Existing recycling depots to provide for the collection of any materials that are not currently or were not formerly collected on-route by the local government or the local government's service provider.

(D) Local governments with populations less than 4,000, according to the Portland State University Population Research Center's most recent Population Estimate Report, or such other estimate approved by the department, regardless of whether they are looking to add new service or expand existing services.

(E) Local governments of any size that are looking to add new on-route or recycling depot service.

(F) All other local governments that are looking to expand existing on-route collection, recycling depots or both, in order of ascending population.

(c) For program plan periods after the initial period described in subsection (b) of this section, DEQ may provide guidance to a producer responsibility organization, or coordinating body, for the inclusion of any priority for implementing the expansion of collection service in a renewed program plan.

(d) A method for determining advanced funding or reimbursement amounts under ORS 459A.890(5), consistent with OAR 340-090-0810.

(e) An estimate of the total amount of funds that will be made available to each local government included in DEQ's needs assessment under ORS 459A.890(5) per year; and

(f) Sample forms with details to be included in reimbursement or advanced funding requests from local governments or a local government's service provider authorized by a local government to provide services under ORS 459A.890.

(2) A producer responsibility organization must submit an amendment to a producer responsibility program plan according to ORS 459A.881 when responding to a new needs assessment provided by DEQ according to ORS 459A.890(8) and OAR 340-090-0800

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

OAR 340-090-0800

Expansion of Service Funding and Needs Assessment

- (1) Costs associated with the expansion and provision of recycling collection service for covered products, as provided by ORS 459A.890(5) are eligible costs for funding or reimbursement by a producer responsibility organization.

(a) A producer responsibility organization must provide funding for activities requested by local governments through the periodic needs assessment including, but not limited to:

(A) Adding new services,

(B) Expanding services, or

(C) Adding or expanding recycling depots as needed to provide convenient recycling opportunities.

(b) A producer responsibility organization, or coordinating body, will not provide funding for expansion that is inconsistent with the finalized terms of expansion between the producer responsibility organization, or coordinating body, and the local government or a local government's service provider.

(c) Eligible costs under ORS 459A.890(5) and include but are not limited to:

(A) Start-up costs for on-route programs including but not limited to:

(i) Trucks,

(ii) Collection containers, roll carts, or both,

(iii) On-board contamination monitoring equipment and software,

(iv) New program promotional literature,

(v) The process of hiring and training staff,

(vi) Staff safety equipment, and

(vii) Recycling reload facilities for reloading recyclables, including but not limited to any equipment necessary for moving, compacting, baling and loading recyclables for shipment for the recycling reload facility, provided that the facility is necessary, and no other facility is available or existing facilities are inadequate.

(B) Start-up and operational costs for recycling depots, including but not limited to:

(i) Land acquisition,

(ii) Site preparation or other start-up costs,

(iii) Collection containers,

(iv) Signage,

(v) On-site monitoring equipment,

(vi) Equipment to move, compact, bale and load recyclables for shipment,

(vii) Hiring and training staff,

(viii) Staff safety equipment, and

(ix) Operational costs,

(2) DEQ must conduct statewide needs assessments periodically in accordance with ORS 459A.890(8)(a).

(a) Local governments that request services through the periodic needs assessment will commit to providing additional services with an agreement with the producer responsibility organization, or coordinating body, after working with the producer responsibility organization, or coordinating body, to determine the details to be implemented according to 459A.890 (5)(b).

(b) Expansion of service commitments will be implemented by the local government and the local government's service providers, with the producer responsibility organization, or coordinating body, providing financial and educational assistance to the committed effort during the first approved producer responsibility program plan.

(c) DEQ may conduct up to two local government needs assessments for the producer responsibility organization, or coordinating body, to respond to for each subsequent program plan according to ORS 459A.875.

(d) For expansion that is to occur at the beginning of a program plan subsequent to the initial program plan, DEQ will submit information to the producer responsibility organization, or coordinating body, from a local government needs assessment 18 months before the current program plan is due to expire.

(e) For expansion that is to occur mid-program plan, DEQ may submit information from a local government needs assessment at least four years before the current program plan is due to expire.

(f) When DEQ sends a local government needs assessment report to a producer responsibility organization, or coordinating body, within four years of the current program plan expiration, the producer responsibility organization, or coordinating body, must submit a program plan amendment to DEQ to address the service expansion interest from the needs assessment within 180 days.

(A) Upon completion of a request for expansion of service, any unused advanced funding provided by a producer responsibility organization, or coordinating body, to a local government or local government's service provider, for the purposes of funding that expansion request, must be returned to the producer responsibility organization, or coordinating body, within 60 days of completion of the expansion request. An invoice detailing how the local government or local government's service provider used the advanced funding must also be provided.

(B) Upon request of DEQ, a local government or a local government's service provider must demonstrate to DEQ's satisfaction that the funding a local government or a local government's service provider received was used for its intended purpose.

- (4) A local government must identify to DEQ service providers that are authorized to receive advanced funding or reimbursement directly, as described in this rule, from the producer responsibility organization, or coordinating body, via a process to be determined by the department. If for any reason a service provider to the local government changes, the local government is responsible for informing DEQ of that change.

(5) A local government and service providers authorized by a local government to provide services, that has received funds for expansion or improvements to recycling collection under ORS 459A.890 and this rule must report to the producer responsibility organization, or coordinating body, when the expansion or improvements have been fully implemented. A local government or a local government's service provider authorized by a local government to provide services must also report the status of implementation to the producer responsibility organization, or coordinating body, on an annual basis for any funded collection program that has not been fully implemented, so that the producer responsibility organization, or coordinating body, may include that information in the annual report required under ORS 459A.887.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975

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Local Government Compensation and Invoicing

(1) A local government, a local government's service provider, or other person authorized by a local government to receive payment, may request advanced funding or reimbursement of costs pursuant to ORS 459A.890.

(a) A producer responsibility organization must include in its program plan the following:

(A) A method for determining advanced funding or reimbursement amounts under ORS 459A.890(5).

(B) A description of the process a local government, a local government service provider or other persons authorized by a local government to receive payment must follow to invoice the producer responsibility organization for reimbursement of costs or advanced funding. The information provided may include sample forms for reimbursement or advanced funding requests.

(b) A local government, a local government's service provider, or other person authorized by a local government to receive payment may not submit a reimbursement invoice to a producer responsibility organization, or coordinating body, more than once per month.

(c) A local government's service provider, or other person authorized by a local government to receive payment, may submit an invoice jointly on behalf of multiple local governments. The local government-authorized entity submitting the joint invoice must list all jurisdictions represented and provide documentation from each jurisdiction that approves of the reimbursement request or otherwise authorizes them to seek funding on the local government's behalf.

(d) If a local government, a local government's service provider, or other person authorized by a local government to receive payment, receives advanced funding pursuant to ORS 459A.890, the local government must return to the producer responsibility organization that provided the funds any funds not used for the purposes for which they were provided within 60 days of completion of the project.

(2) For the purpose of determining the population of a local government pursuant to ORS 459A.890(4)(b), a local government may rely on the Portland State University Population Research Center's most recent, certified Population Estimate Report, or such other estimate approved by the department. A local government, a local government's service provider, or other person authorized by a local government to receive payment, must use the most recent population estimate at the time of its reimbursement request.

Statutory/Other Authority: ORS 459A.975 and 468.020

Statutes/Other Implemented: ORS 459A.860 - 459A.975