

E-Cycles Rulemaking Info Item J

Environmental Quality Commission

Materials Management Program
Land Quality Division

Friday, Nov. 22, 2024

Overview for Today

- Producer Responsibility
- What is Oregon E-Cycles?
- Modernized E-Cycles 2026 Program
- E-Cycles Rulemaking



Producer Responsibility in Oregon



Electronics Recycling Program
Launched in 2009

Paint Stewardship Program
Launched in 2010



Printed paper, packaging and food serviceware
Launching July 2025

Drug Take-Back Program
Launched in 2021



Mattress Recycling Program
Launching January 2025



DEQ's Materials Management Program

Materials Management in Oregon

2050 Vision and Framework for Action

Adopted by the
Environmental Quality Commission
December 6, 2012



The 2050 Vision:

Oregonians in 2050 produce and use materials responsibly
conserving resources • protecting the environment • living well

E-Cycles Overview

- Statewide program
- Requires electronics manufacturers to provide responsible recycling for their devices
- Launched in 2009
- Covers computers, monitors, TVs, printers, keyboards and mice



Program Administration



Program is funded by:

- Manufacturers of covered devices
 - Must register with DEQ



Program is implemented by:

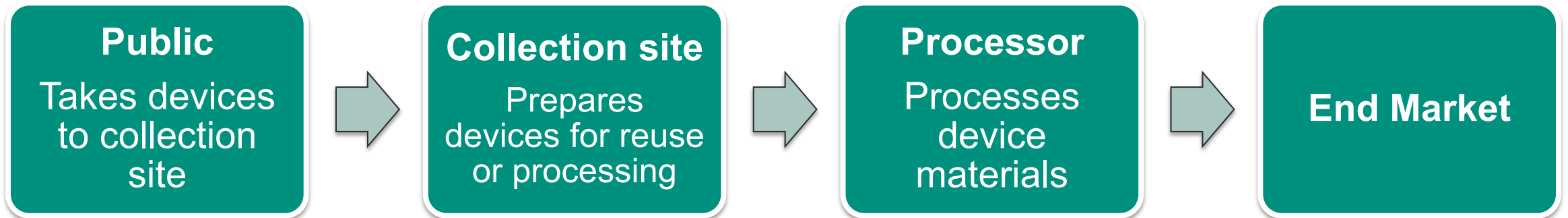
- Producer Responsibility Organizations
- State contractor program (default)



DEQ's role:

- Register manufacturers
- Calculate market share
- Provide oversight

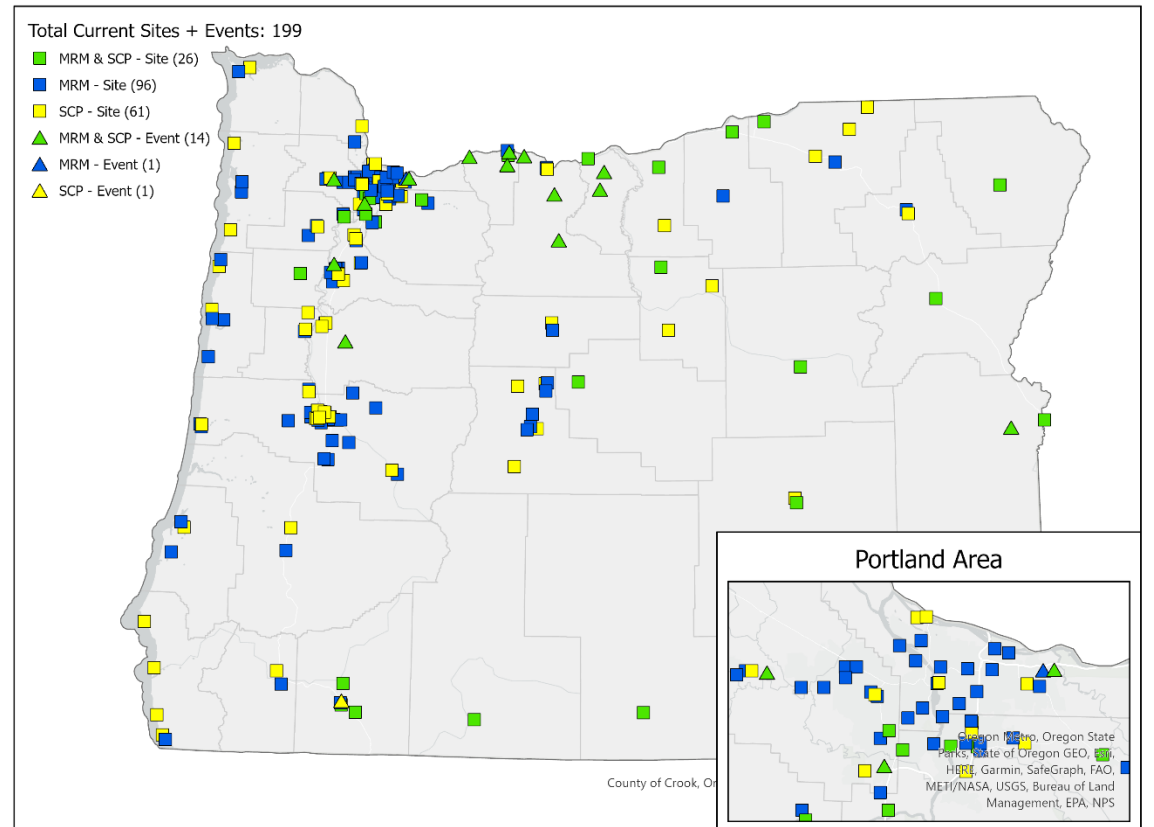
How E-Cycles Works



Convenient Collection

- Collection network of sites and events
- At least 1 site in every city with a population of 10,000 or more
- Currently ~ 175 sites across the state

Current E-Cycles Sites & Events



October 2022

Oregon DEQ | Materials Management

Outreach and Education

- PRO education
 - Statewide and on a regular basis
- DEQ campaigns
 - Outreach through online channels
- Retailer information
 - at point of sale



Why Recycle Electronics?

- Electronics can contain:
 - hazardous materials
 - valuable materials
- Reuse and recycling of electronics can:
 - keep toxics out of landfills
 - conserve natural resources
 - reduce greenhouse gas emissions



Keys to the Program's Success

- People know about the program
- The program is convenient and people use it
- Collected products are managed in an environmentally sound manner



Why Modernize E-Cycles?

- Limited list of covered devices
- Cumbersome administration
- Potential instability to collection network



HB 3220: Expands What is Collected

Devices currently covered	Devices HB 3220 will add
Computers	VCRs
Monitors	Music Players
TVs	DVD Players
Printers	Gaming Consoles
Keyboard and Mice	Digital Converter Boxes
	Cable Receivers
	Satellite Receivers
	Routers
	Modems
	Scanners
	Additional Peripherals

HB 3220: Streamlines Administration

- Eliminates the State Contractor Program and DEQ invoicing for that program
- If there are multiple PROs, requires coordination through a “coordinating body”



HB 3220: Stabilizes Collection Network

- Sets a robust convenience standard
- Network must include:
 - 95% of residents within 15 miles of a collection site
 - Number of sites in cities with 10,000+ increases with population density
 - Any willing permitted transfer station, landfill or material recovery facility can be a collection site

HB 3220: Advances Equity and Reuse

Equity:

- Program must provide convenient and equitable service
- Requires engagement with historically underserved populations

Reuse:

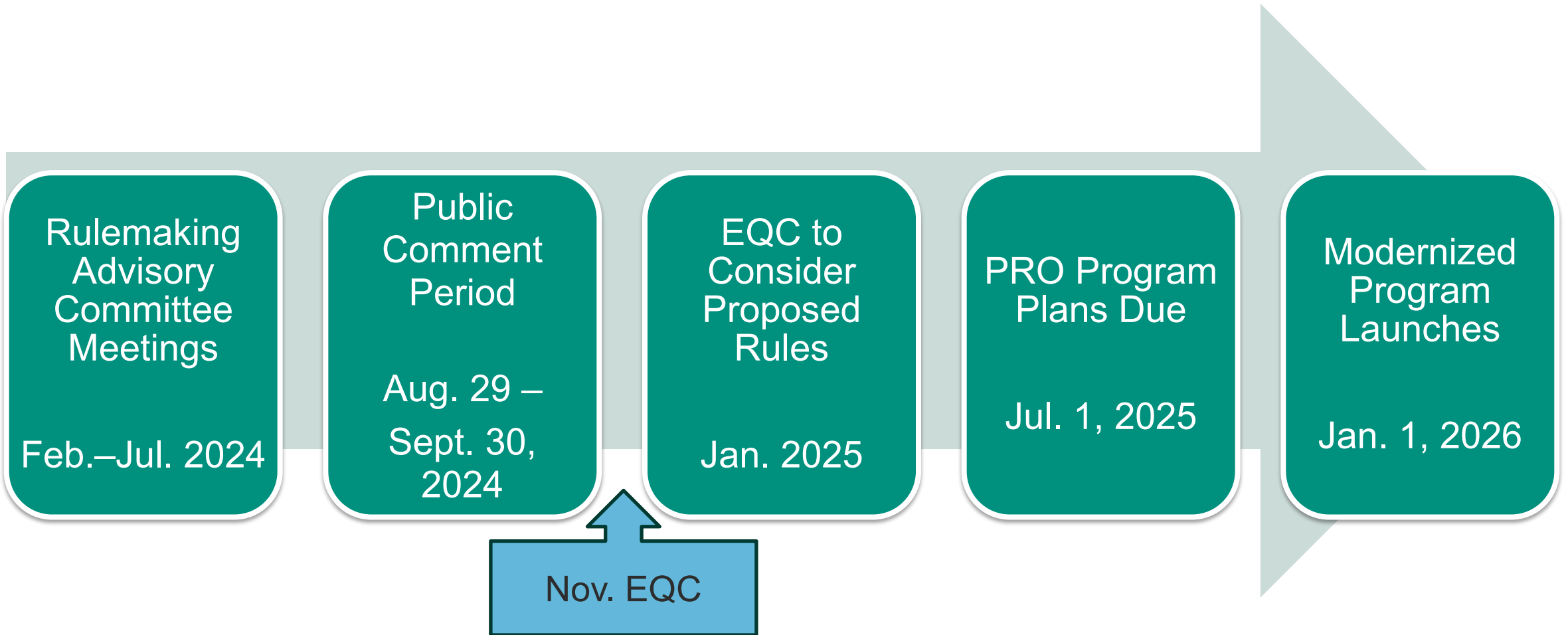
- PRO must coordinate activities with recycling and reuse programs
- Collection sites can recover devices for reuse

HB 3220: What Stays the Same

- Manufacturers' obligation to finance and manage E-Cycles
- DEQ oversight of program
- Oregon's access to convenient and free electronics recycling



Rulemaking and Implementation Timeline



Preview: Rulemaking Topics

Proposed rules will address topics including

- PRO fees to DEQ
- Program plan and report content
- Manufacturer market share
- Environmentally sound management practices
- Fair financial compensation
- PRO coordination
- Compliance and enforcement

Key Points

- E-Cycles is a Producer Responsibility Program
- Modernized Program launching 2026
- DEQ intends to bring proposed rules to the Environmental Quality Commission at the January 2025 meeting

MONSTER

IN YOUR OFFICE?

IT'S FREE AND EASY TO RECYCLE
YOUR OLD ELECTRONICS.



PROTECT OUR HEALTH AND ENVIRONMENT AND KEEP HAZARDOUS
MATERIALS OUT OF OUR AIR, SOIL AND WATER.

DROP OFF YOUR UNUSED TVS, COMPUTERS AND PRINTERS HERE.



Questions or Comments?

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