



SWAAC's MRF/CT Subcommittee Recommendations

January 10, 2017



Purpose of Today's Discussion

1. Share findings and recommendations of SWAAC's MRF/CT Subcommittee.
2. Seek direction and agreement from Council on moving forward.
3. Answer any questions from Council.

Material Recovery Facilities



Conversion Technology Facilities



Issues Observed





Solid Waste Code Tracks

Track 1 MRF/CT

- Subcommittee work complete
- SWAAC endorsement
- Council Work Session Today
- Roy Brower
- Dan Blue

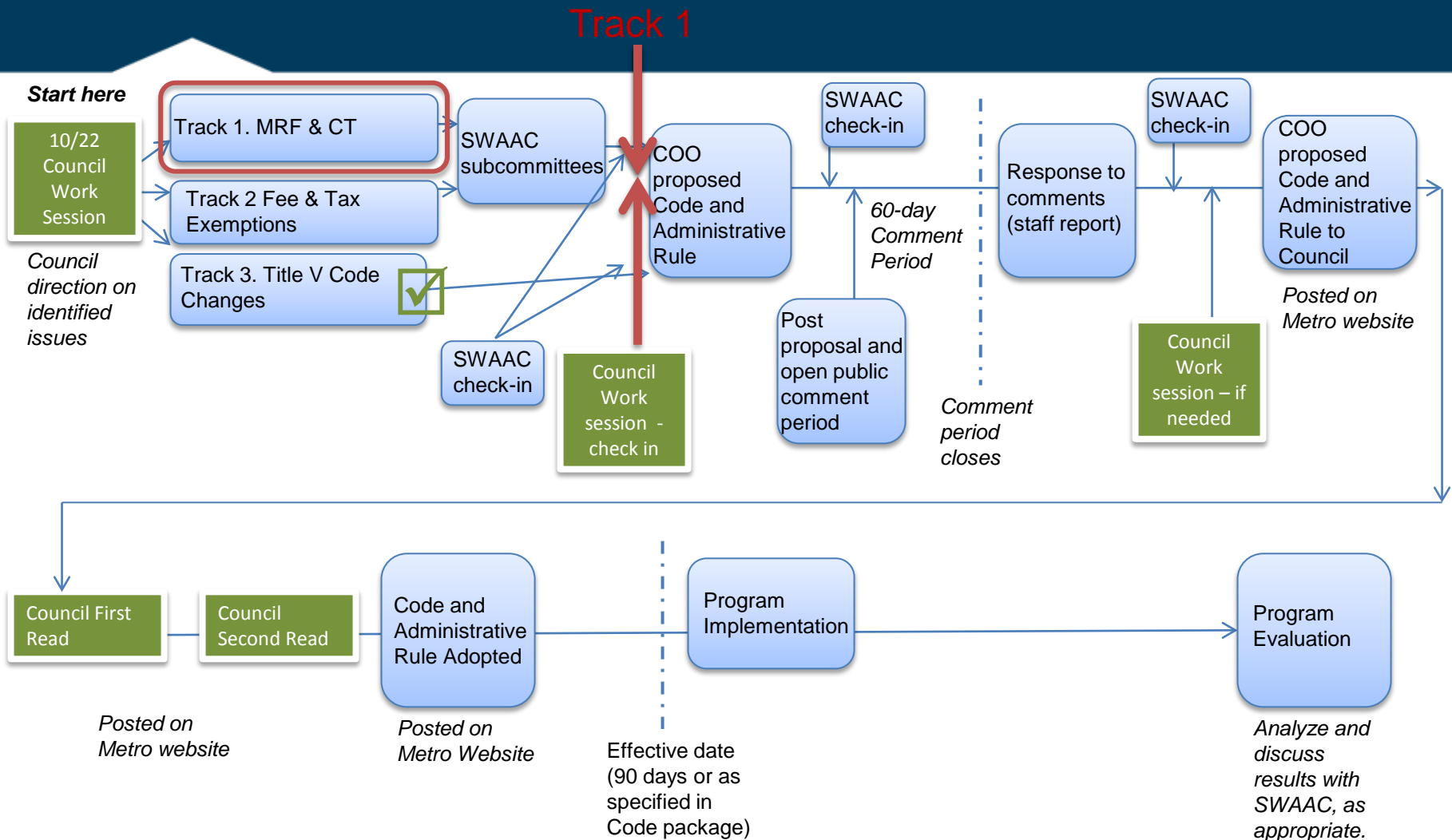
Track 2 Fees and Taxes

- Study kick-off
- Subcommittee in February 2017
- Tim Collier
- Warren Johnson

Track 3 Code Changes

- November 2016
- Warren Johnson

Metro Code Title V (Solid Waste)





Solid Waste Code Tracks

Track 1 MRF/CT

- Subcommittee work complete
- SWAAC endorsement
- Council Work Session Today
- Roy Brower
- Dan Blue

Track 2 Fees and Taxes

- Study kick-off
- Subcommittee in February 2017
- Tim Collier
- Warren Johnson

Track 3 Code Changes

- November 2016
- Warren Johnson



Metro | Metro-area residential solid waste system



Garbage



Metro public transfer stations

Metro Central: NW Portland, Metro South: Oregon City

Private transfer stations

Waste Management Disposal: 90% of landfill-bound garbage
Gilliam and Yamhill counties

Non-Waste Management Disposal: 10% of landfill-bound garbage
Wasco, Morrow and Benton Counties

Energy Recovery facility: misc
Marion County



Composting
Yard debris (throughout region)
Food waste (Portland only)



Public transfer stations and private reload facility

Food waste and yard debris (Portland only)

Private transfer stations and yard debris reload facilities

(Yard debris only)

Yard Debris + Food Compost Facilities
Washington and Benton counties

Yard Debris Compost Facilities
Metro Region and Benton County



Recycling



Clean material recovery Facility



Further processing

Commodity Markets

Foreign Markets



Collection

Transfer

Processing

Local Government Franchising



Metro authority



Solid Waste Code Tracks

Track 1 MRF/CT

- Subcommittee work complete
- SWAAC endorsement
- Council Work Session Today
- Roy Brower
- Dan Blue

Track 2 Fees and Taxes

- Study kick-off
- Subcommittee in February 2017
- Tim Collier
- Warren Johnson

Track 3 Code Changes

- November 2016
- 
- Warren Johnson



MRF/CT Subcommittee Charge

Purpose: Consider whether MRFs that process source-separated recyclable materials and facilities that convert waste to energy, fuel or other products should be subject to licensing and inspection similar to other facilities. If so, identify which requirements are appropriate?

Outcome: Provide the best advice possible to SWAAC on MRF/CT regulation, so that SWAAC can advise Metro Council on alternatives.



MRF/CT Subcommittee Membership

Name	Organization
Roy Brower, Chair	Metro
Bruce Walker*	City of Portland
Theresa Koppang*	Washington County
Mike Davis	Clark County
Audrey O'Brien*	Oregon DEQ
Vinod Singh	Far West Recycling
Jeff Murray	EFI Recycling
Andy Kahut	K.B. Recycling
Brian May	Republic Services
Scott Farling	Agilyx
Matt Marler	Covanta
Dylan de Thomas	Resource Recycling
Betty Patton	Recycling Advocates
Mike Lafferty	Wash. County SWAC
Francisco Ibarra	Americorps

**SWAAC Members*

SWAAC Recommendations

		Authorize	Exempt
MRFs	MRFs (processing source separated recyclables)		
	MRFs (specific material recyclers with prescribed feedstocks)		
CTs	Conversion Technology (facilities processing mixed solid waste)		
	Conversion Technology (facilities with prescribed feedstocks similar to manufacturing facilities)		



SWAAC Recommendations - MRFs

MRFs... Metro should:

- ***authorize*** material recovery facilities processing source separated recyclables.
- establish operating standards for these types of recovery facilities.
- ***exempt*** certain “specific material recyclers” from obtaining a license.



SWAAC CT Recommendations - CTs

For conversion technology facilities Metro should:

- ***franchise*** facilities that manage putrescible waste.
- ***license*** facilities that manage non-putrescible waste.
- establish operating standards for both.
- add a definition to code for “conversion technology” and define it using the current State definition.
- ***exempt*** certain facilities from obtaining a license.

SWAAC Recommendations

		Authorize	Exempt
MRFs	MRFs (processing source separated recyclables)	✓	
	MRFs (specific material recyclers with prescribed feedstocks)		✓
CTs	Conversion Technology (facilities processing mixed solid waste)	✓	
	Conversion Technology (facilities with prescribed feedstocks similar to manufacturing facilities)		✓



Questions for Council Consideration

- Does Council have any questions or concerns regarding the findings and recommendations?
- Should staff move forward to develop code changes and administrative rules that would implement the recommendations of SWAAC?



Next Steps

- SWAAC Check In – February 8th 2017
- Stakeholder Workshop – Early 2017
- 60 Day Public Comment Period – early 2017
- Council Consideration – later in 2017



Thank you!



Arts and conference centers

Garbage and recycling

Land and transportation

Oregon Zoo

Parks and nature

oregonmetro.gov