

# MRF/CT Subcommittee Meeting 4

April 18, 2016

10:00 a.m. – 12:00 p.m.

Metro Council Chambers



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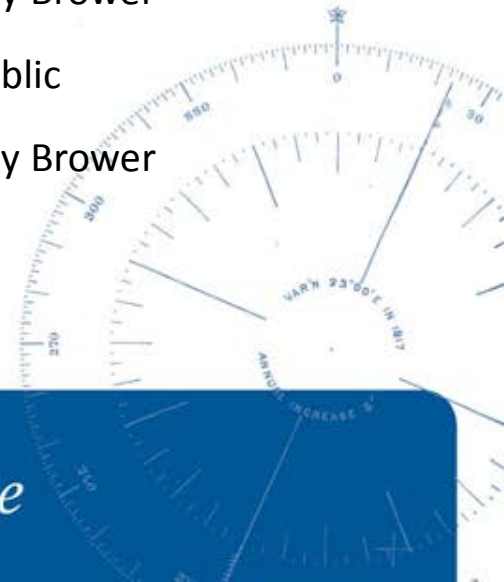
# Agenda

10:00	Welcome, Review Summary and Agenda	Roy Brower
10:15	Address Stakeholder Concerns Identified at March 17 <sup>th</sup> Meeting	
	- Metro Solid Waste Definition Change	Shane Abma
	- Land Use & Solid Waste License Issues	Shane Abma
	- MRF Performance Issues	Matt Korot
10:30	Facility Classes – Where Metro Draws the Line	Dan Blue
10:40	Discuss Whether to Regulate SSR MRFs	Roy Brower
10:45	Review Next Meeting Topics	Roy Brower
10:50	Public Comments	Public
11:00	Adjourn	Roy Brower

\*see detailed Agenda handout



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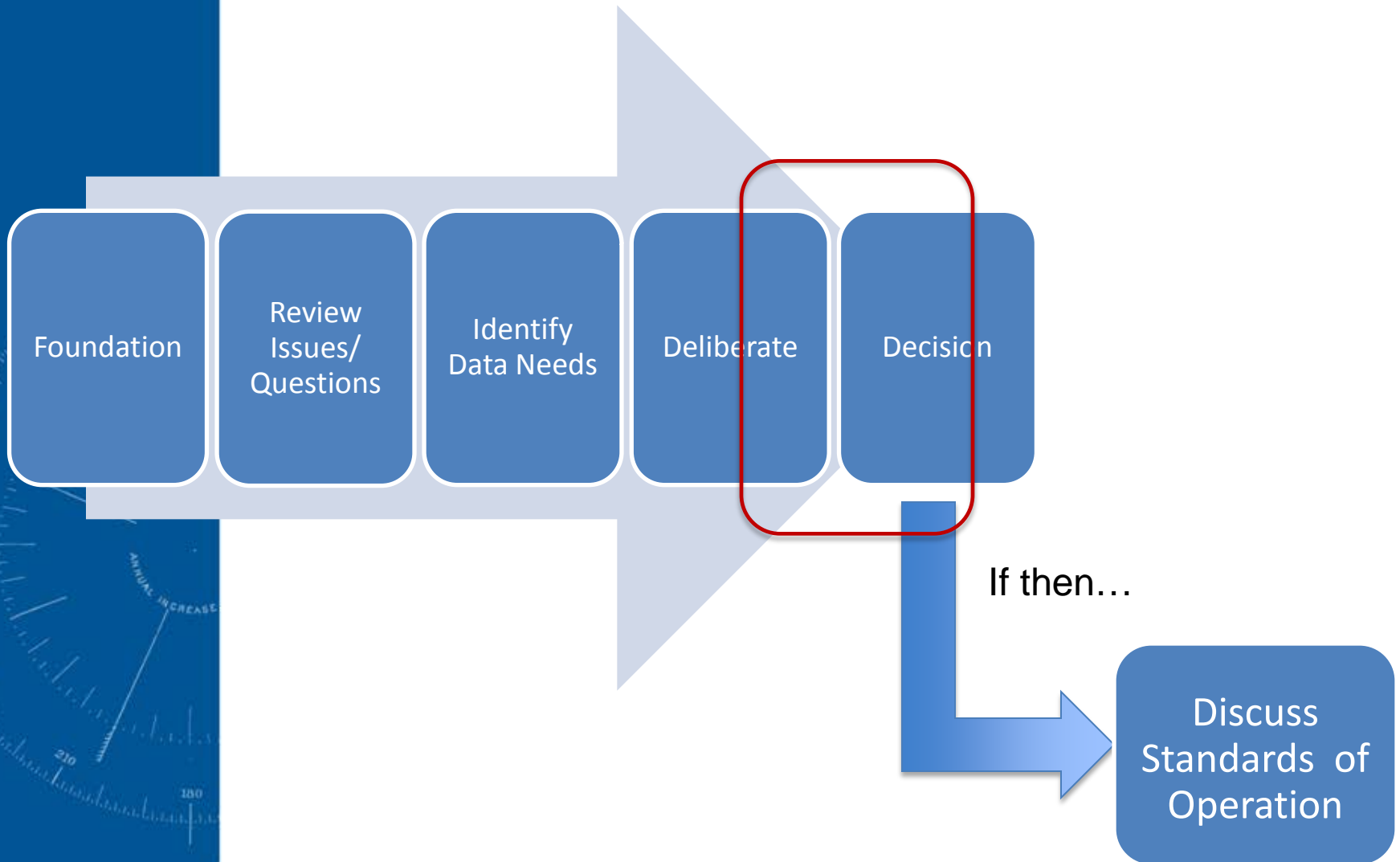
# MRF/CT Subcommittee Charge

**Purpose:** Consider whether MRFs that process source-separated recyclable materials and facilities that convert waste to energy or fuel 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.



# Process Check



# Metro Authority

## Metro Authorizations (Franchises - Licenses)

Wet Waste	Dry Waste	Yard Debris	Roofing, Tire, Other Facilities
<ul style="list-style-type: none"> <li>♻️ F Waste Recycling</li> <li>♻️ F Troutdale Transfer Station</li> <li>♻️ F Forest Grove Transfer Station</li> <li>♻️ F Milamette Resources, Inc.</li> </ul>	<ul style="list-style-type: none"> <li>L ECR</li> <li>L Greenway Recycling</li> <li>L KB Recycling</li> <li>L Aloha Garbage</li> <li>L CORE Recycling</li> </ul>	<ul style="list-style-type: none"> <li>L Grimm's Fuel</li> <li>L McFarlane's Bark</li> <li>L Allwood</li> <li>L Wood Waste Management</li> </ul>	<ul style="list-style-type: none"> <li>L RB Recycling (Tires)</li> <li>L Tire Disposal Corp.</li> <li>L Northwest Shingle Recycling</li> <li>L Thermo Fluids</li> </ul>

## Metro Exemptions (by Code)

E Aggregate/Inert Facilities	E Single Stream Recyclers
<ul style="list-style-type: none"> <li>Portland Sand &amp; Gravel</li> <li>Tigard Sand &amp; Gravel</li> <li>Fazio Landfill and Recycling</li> </ul>	<ul style="list-style-type: none"> <li>Calbag</li> <li>Schnitzer</li> <li>Environmental Fibers Inc. EFI</li> <li>Denton Plastics</li> </ul>

E Conversion Technologies
<ul style="list-style-type: none"> <li>Agylix Wastech</li> <li>Agylix Tigard</li> <li>Gasification*</li> <li>Autoclaving*</li> <li>Hydropulping*</li> </ul> <p>*MSW or segment of MSW</p>

E Source Separated Recycling Recovery Facilities n = 6
<ul style="list-style-type: none"> <li>Far West Recycling Hillsboro</li> <li>Far West Recycling Portland</li> <li>Oregon Recycling Systems</li> <li>Pioneer Recycling Clackamas</li> <li>WestRock</li> <li>Columbia Recycling Inc.</li> </ul>

F = Franchise  
L = License  
E = Exempted

?



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# Characteristics of currently exempt SSR MRFs:

- Accept or purchase comingled curbside and commercial recycling streams for processing, sorting, consolidation, baling, and marketing
- Comingled material typically collected within a regulated environment
- Variable contamination rates depending on generator practices
- Little or no control over incoming material
- Speculative accumulation can occur and accompanying potential degradation of materials if not processed and moved in timely fashion
- Potential for negative environmental or health/safety issues
- Potential for negative impacts offsite e.g. adjoining properties and community (dust, noise, smell, vectors, litter, fire safety...)
- Subject to negative impacts of a highly volatile commodity market
- Can impact rates charged to generators



# Metro Code 5.01:

Mixed Dry Waste Facility Standards (existing licensed facilities)

## SOLID WASTE FACILITY REGULATION

SECTION	TITLE
5.01.053	Issuance and Contents of Licenses

(i) Licenses shall specify the activities authorized to be performed, the types and amounts of wastes authorized to be accepted at the solid waste facility, and any other limitations or conditions attached by the Chief Operating Officer. In addition to all other requirements of this section, a license approving acceptance of mixed non-putrescible waste for the purpose of conducting material recovery or reloading shall **be subject to the performance standards, design requirements, and operating requirements adopted as administrative procedures pursuant to Section 5.01.132, and shall require that the facility operate in a manner that meets the following general performance goals:**

- (1) **Environment.** Facilities shall be designed and operated to preclude the creation of undue threats to the environment including, but not limited to, stormwater or groundwater contamination, air pollution, and improper acceptance and management of hazardous waste asbestos and other prohibited wastes.
- (2) **Health and Safety.** Facilities shall be designed and operated to preclude the creation of conditions that may degrade public health and safety including, but not limited to, fires, vectors, pathogens and airborne debris.
- (3) **Nuisances.** Facilities shall be designed and operated to preclude the creation of nuisance conditions including, but not limited to, litter, dust, odors, and noise.
- (4) **Material Recovery.** Facilities conducting material recovery on non-putrescible waste shall be designed and operated to assure materials are recovered in a timely manner, to meet standards in Section 5.01.125, and to protect the quality of non-putrescible waste that has not yet undergone material recovery.
- (5) **Reloading.** Facilities conducting reloading of non-putrescible waste shall be designed and operated to assure that the reloading and transfer of non-putrescible waste to Metro authorized processing facility is conducted rapidly and efficiently while protecting the quality of non-putrescible waste that has not yet undergone material recovery.
- (6) **Record-keeping.** Facilities shall keep and maintain complete and accurate records of the amount of all solid waste and recyclable materials received, recycled, reloaded and disposed.



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# Review the Question – SSR MRFs

1. Should MRFs that process source-separated recyclable materials be subject to licensing and inspection similar to other facilities.
2. If so, identify which operational requirements are appropriate?





# Subcommittee Check In

- Is approach working?
- Anything in particular that is not working for you?



# Next Meeting Topics

## Meeting: #5 – TBD

- ***Review Prior Meeting Summary, Clarifications, Questions***
- ***Review Meeting #5 Objectives***
- Deliberation
- Recommendation for SWAAC on SSR MRFs
  - Discuss Operating Standards
- Stakeholder feedback, questions
- ***Member Check in (every meeting)***
- ***Review schedule (what's on deck)***



# MRF/CT Subcommittee

# Adjourn.

## Thank You!



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