

# MRF/CT Subcommittee Meeting 5

May 20, 2016

1:00 p.m. – 3:00 p.m.

Metro Council Chambers



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# Agenda

1:00 Welcome, Review Summary and Agenda

Roy Brower

1:15 Industry Perspectives

Jeff Murray, Dave White

1:40 Discuss Elements of SSR MRF Authorization

Roy Brower/Dan Blue

2:45 Public Comments

Public

2:55 Review Next Meeting Topics

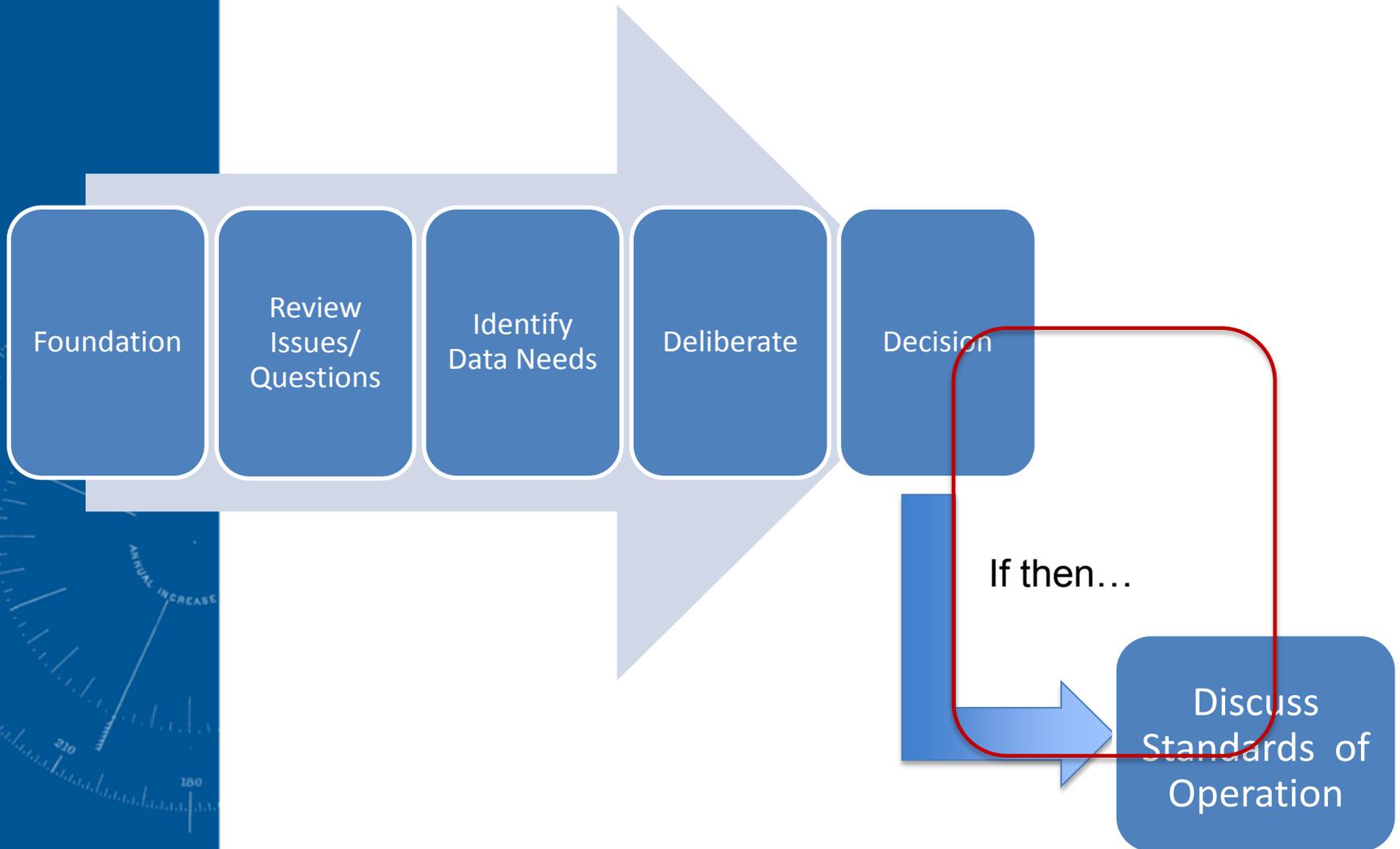
Dan Blue

3:00 Adjourn

Roy Brower



# Process Check



# 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.



# 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?



# Moving to a recommendation:

- Characteristics of facilities that would be under an authorization
- Who would be “regulated” and how
- Who would continue to be exempt
- Review facility standards of operation



# Characteristics of Facilities “Regulated vs. Exempt”

## Regulated

- Receive and process commingled curbside and commercial recyclables
- Recyclables collected in a regulated environment
- Contamination rates vary by generator
- MRF has little control over incoming recyclables
- Speculative accumulation possible
- Material can degrade and require disposal as solid waste
- Potential for negative off-site impacts from improper site or material management e.g. dust, noise, litter, malodors, vectors etc.
- May impact rates paid in regulated collection system due to market volatility

## Exempt

- Receive and process single stream materials e.g. plastics, scrap metal, glass etc. with intrinsic value and well established markets
- Feedstock specifications are prescribed to minimize contamination
- Transactions generally occur in a business to business environment
- Outputs enter well established markets as commodities
- Stand alone depots that only consolidate and reload to a MRF



# Authorization Options of SSR MRFs

## Franchise/Permit:

- Reserved for the high risk facilities processing wet waste
- Council decision

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e.g. transfer stations, anaerobic digesters, food waste processors

## License:

- Conditions, template, and approach well defined
- Detailed operating standards established through administrative procedures and detailed in license
- Administrative decision

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e.g. C&D MRFs, yard debris facilities, mixed dry waste MRFs etc.

## Certificate:

- Could operate much like a license (with a different name)
- Broad operating standards consistent with licensed facilities but less detail than in the current SW license

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\*has not been used since 2007

More  
Rigorous

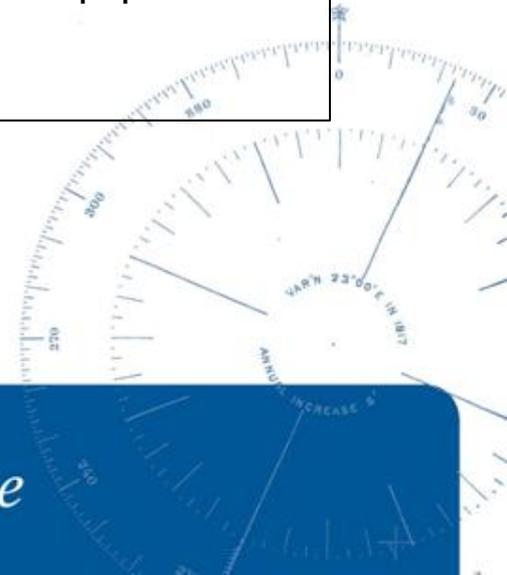
Less  
Rigorous



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# Discussion of Facility “Standards”

Subcommittee Focus:	<b>NOT</b> Subcommittee Focus:
<p data-bbox="146 454 784 554"><b>Operating Standards (Metro Code 5.01)</b></p> <ul data-bbox="146 568 691 862" style="list-style-type: none"><li data-bbox="146 568 614 611">• Facility Housekeeping</li><li data-bbox="146 618 676 661">• Environmental Standards</li><li data-bbox="146 668 537 711">• Health and Safety</li><li data-bbox="146 718 397 761">• Nuisances</li><li data-bbox="146 768 691 811">• Material recovery required</li><li data-bbox="146 818 494 861">• Record keeping</li></ul>	<p data-bbox="933 454 1479 496"><b>Performance Standards</b></p> <ul data-bbox="933 511 1711 862" style="list-style-type: none"><li data-bbox="933 511 1711 654">• Specific processing and performance requirements e.g. belt speed, number of employees etc.</li><li data-bbox="933 661 1661 704">• Design specifications for equipment</li><li data-bbox="933 711 1711 753">• Performance, quality specifications for outputs</li><li data-bbox="933 761 1661 803">• Process requirements or equipment</li></ul>



# Proposed Operating Standards for MRFs

General operating standards:

(1) **Environment.** Facilities should be designed and operated to preclude the creation of undue threats to the environment e.g., stormwater or groundwater contamination, air pollution, and improper acceptance and management of putrescible waste, hazardous waste, asbestos and other prohibited wastes.

(2) **Health and Safety.** Facilities should be designed and operated to preclude the creation of conditions that may degrade public health and safety e.g., fires, vectors, pathogens and airborne debris.

(3) **Nuisances.** Facilities should be designed and operated to preclude the creation of nuisance e.g., litter, dust, odors, and noise.

(4) **Material Recovery.** Facilities should be designed and operated to assure materials are recovered in a timely manner to maintain material quality and avoid degradation.

(5) **Record-keeping & Reporting.** Facilities should keep and maintain complete and accurate records of the amount of all solid waste and source separated recyclable materials received, recycled, reloaded, and disposed and periodically report data as required by its regulatory instrument.



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# Suggested SSR MRF Recommendation

**Authorization:** Material recovery facilities that receive and process commingled residential and commercial source-separated recyclable materials should be subject to Metro licensing and inspection similar to other material recovery facilities currently under a Metro authorization.

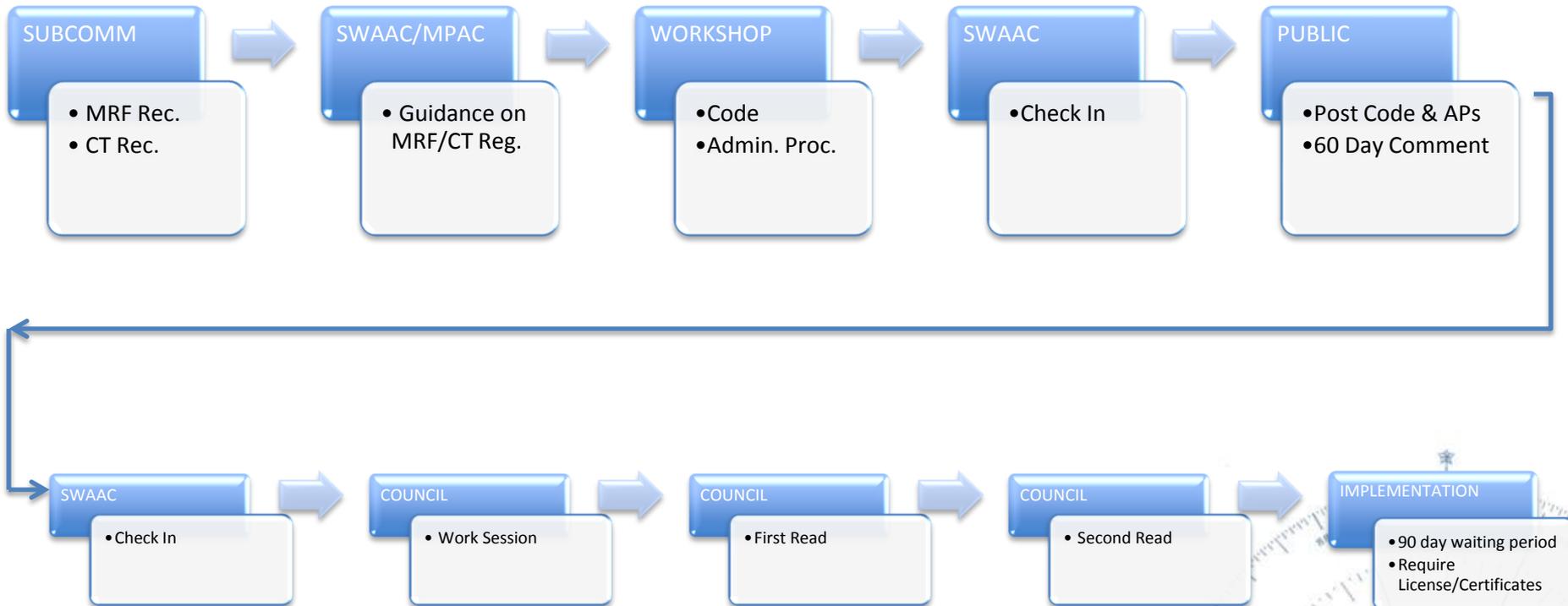
**Operating Standards:** This class of facilities should be subject to general operating standards similar to other material recovery facilities.

**Exemptions:** Facilities that receive and process single stream materials with intrinsic value in established markets such as scrap metal, plastics, papers, or other similar commodities, should continue to be exempt from licensing by Metro.



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# PROCESS GOING FORWARD



# Next Meeting Topics

Meeting: #6 – June 16<sup>th</sup>, 11:00 a.m. at City Of Portland

- ***Review Prior Meeting Summary, Clarifications, Questions***
- ***Review Meeting #6 Objectives***
- Conversion Technology Background
- Conversion Technology Authorization and Standards
- Stakeholder feedback, questions
- ***Member Check in (every meeting)***
- ***Review schedule (what's on deck)***



# MRF/CT Subcommittee Meeting 5

Adjourn.

Thank You!



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