

MRF/CT Subcommittee Meeting 3

March 17, 2016

9:30 a.m. – 11:00 a.m.

Metro Council Chambers



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Agenda

9:30 Welcome, Review Summary and Agenda

Roy Brower

9:40 How a SSR MRF Operates

Vinod Singh &

Dylan de Thomas

9:50 Material Composition Findings (Metro)

Dan Blue

10:00 Metro Authorizations and Exemptions

Dan Blue &

Warren Johnson

10:30 Examples of Facility Impacts and Concerns

Dan Blue

10:45 Review Next Meeting Topics

Roy Brower

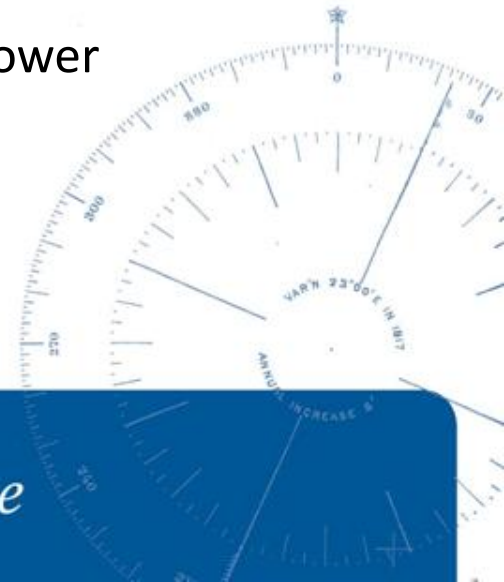
10:50 Public Comments

11:00 Adjourn

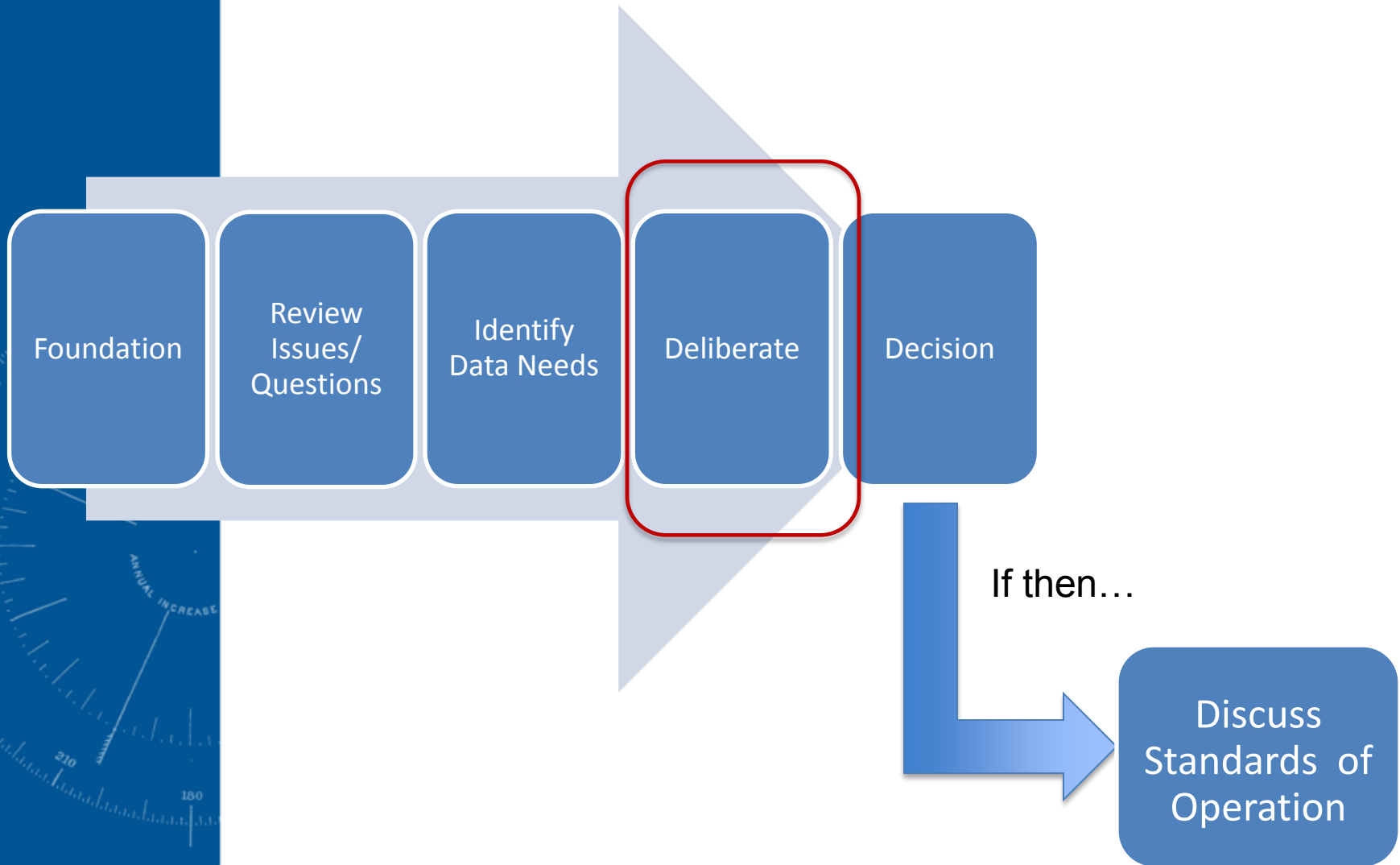
*see detailed Agenda handout



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Process Check



How a SSR MRF Operates

Vinod Singh – Far West Recycling

Dylan de Thomas – Resource Recycling Magazine

[Saving Little Pieces...](#)

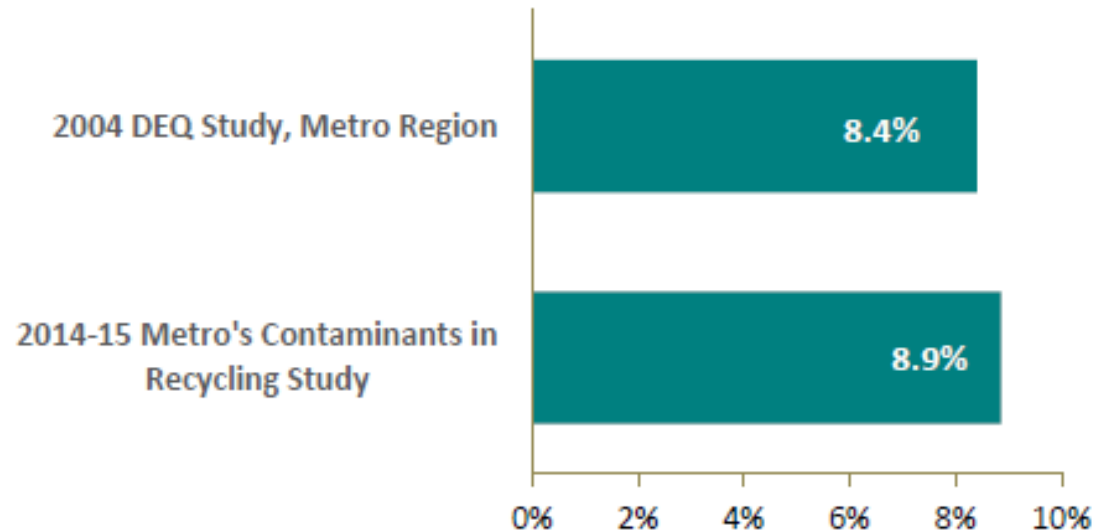


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Material Composition Findings

Figure 13 compares percentage of contamination in recycling for the Metro-area from DEQ's 2004 study to Metro's 2014-15 study.



Source: Metro Single-family Recycling and Waste Composition Studies 2014-15

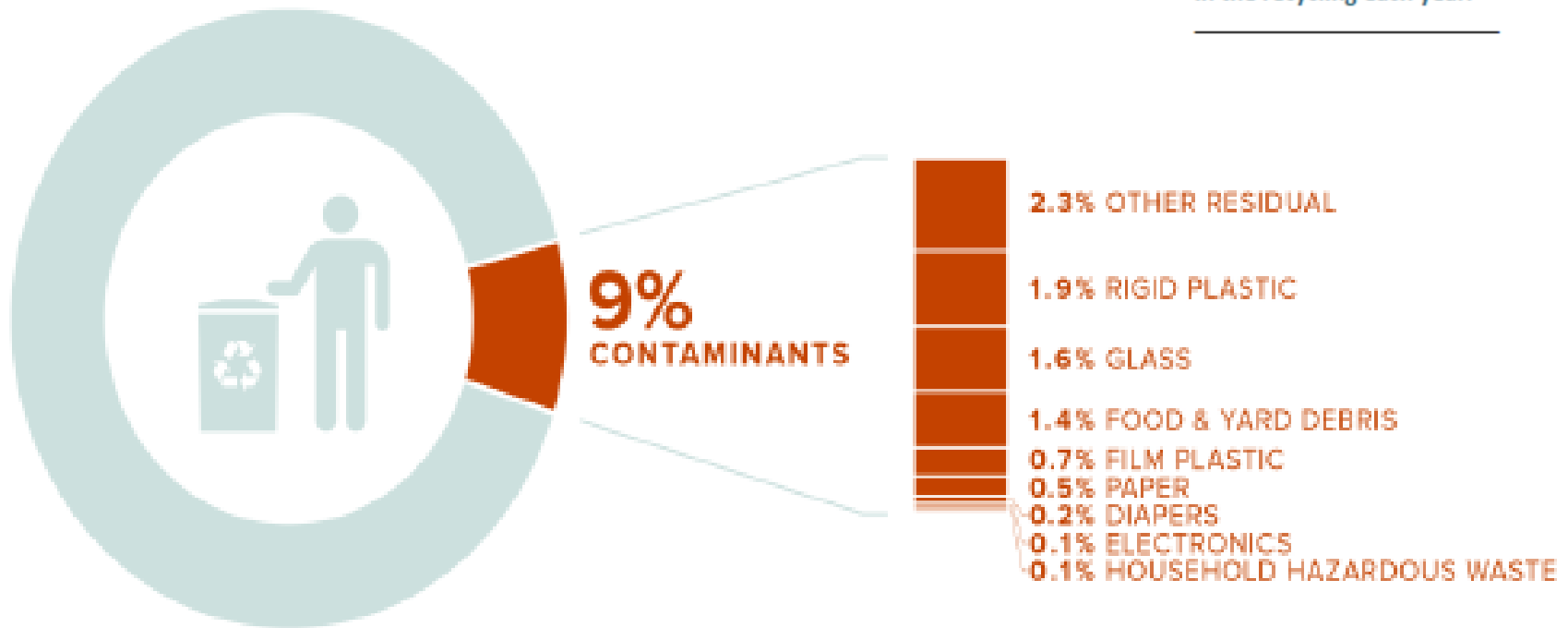


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Material Composition Findings

Figure 12: Contaminants in the Recycling Cart: Metro region

The study indicates that the region throws more than 9,000 tons of contaminants in the recycling each year.



Source: Metro Single-family Recycling and Waste Composition Studies 2014-15



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Metro Authority

Metro Authorizations (Franchises - Licenses)

Wet Waste	Dry Waste	Yard Debris	Roofing, Tire, Other Facilities
F Pride Recycling Troutdale Transfer Station Forest Grove Transfer Station Willamette Resources, Inc.	L ECR Greenway Recycling KB Recycling Aloha Garbage CORE Recycling	L Grimm's Fuel McFarlane's Bark Allwood Wood Waste Management	L RB Recycling (Tires) Tire Disposal Corp. Northwest Shingle Recyclers Thermo Fluids

?

Metro Exemptions (by Code)

E Aggregate/Inert Facilities Portland Sand & Gravel Tigard Sand & Gravel Fazio Landfill and Recycling	E Single Stream Recyclers Calbag Schnitzer Environmental Fibers Inc. EFI Denton Plastics	E Conversion Technologies Agylix Wastech Agylix Tigard Gasification* Autoclaving* Hydropulping* *MSW or segment of MSW	E Source Separated Recycling Recovery Facilities n = 6 Far West Recycling Hillsboro Far West Recycling Portland Oregon Recycling Systems Pioneer Recycling Clackamas WestRock Columbia Recycling Inc.
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F = Franchise
 L = License
 E = Exempted

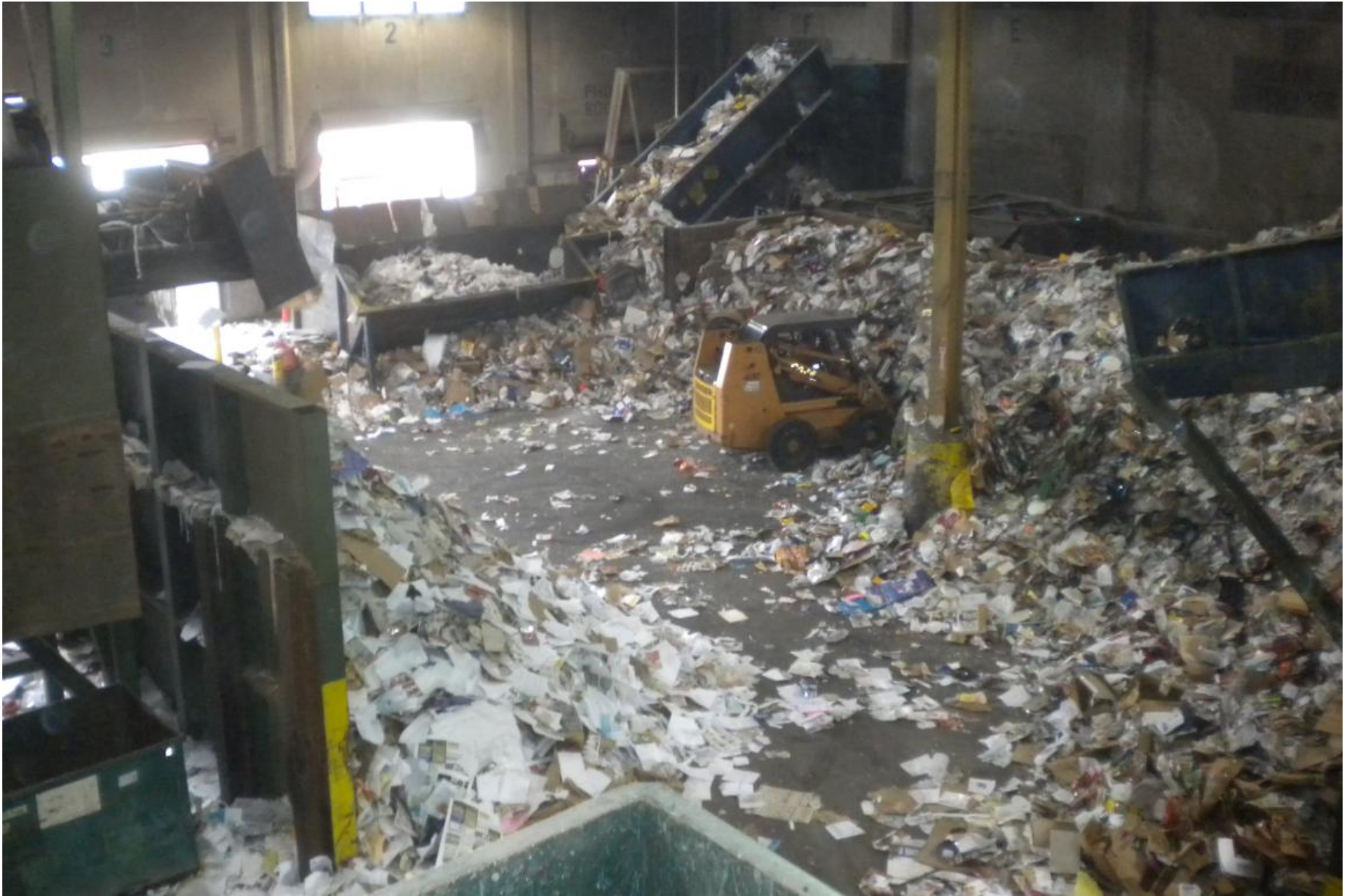


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Characteristics of currently exempt SS MRFs:

- 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





10-13-14





4-16-04



4-11-08





3-11-08



10-28-14



10-28-14





12-16-13



12-16-13





03/01/2016



03/04/2016





03/04/2016



03/04/2016



03/10/2016









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02.04.20

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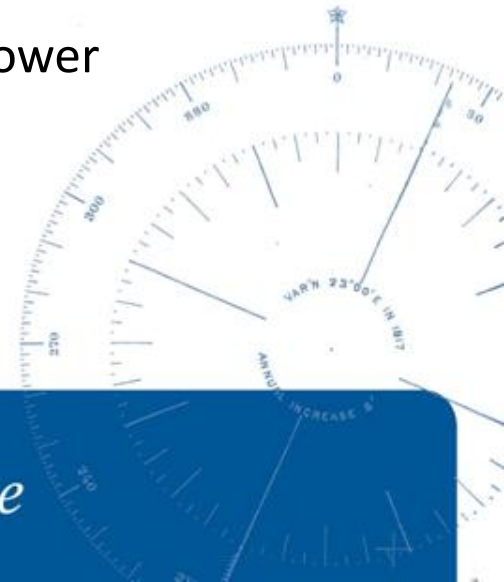
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Subcommittee Check In

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



Next Meeting Topics

Meeting: #4 – April 18th 10:000 a.m., Metro Council Chambers

- ***Review Prior Meeting Summary, Clarifications, Questions***
- ***Review Meeting #4 Objectives***
- Deliberation
- Stakeholder feedback, questions
- Pose the Question?
- ***Member Check in (every meeting)***
- ***Review schedule (what's on deck)***



MRF/CT Subcommittee

Adjourn.

Thank You!



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