

Metro | Agenda

Meeting: Solid Waste Alternatives Advisory Committee (SWAAC)
Date: Wednesday, May 13, 2015
Time: 10 a.m. to 12 p.m. (noon)
Place: Metro, Council Chambers

The purpose of the Solid Waste Alternatives Advisory Committee is to develop policy options that, if implemented, would serve the public interest by reducing the amount and toxicity of waste generated and disposed, or enhancing the effectiveness and sustainability of the system through which the region's solid waste is managed.

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| 10 AM | 1. | CALL TO ORDER AND DECLARATION OF A QUORUM | Matt Korot, Chair |
| 10:02 AM | 2. | COMMENTS FROM THE CHAIR AND SWAAC MEMBERS | |
| 10:07 AM | 3. | ** CONSIDERATION OF SWAAC MINUTES FOR FEBRUARY 11, 2015 | |
| 10:10 AM | 4. | UPDATES ON SOLID WASTE ROADMAP AND OTHER ACTIVITIES | Tom Chaimov, Metro |
| 10:25 AM | 5. | SOLID WASTE ROADMAP: FOOD SCRAPS CAPACITY PROJECT – REPORT ON TRANSFER STATION CAPACITY ANALYSIS | Jennifer Erickson, Metro
Lyndsey Lopez, CH2M Hill |
| | | <i><u>Purpose:</u></i>
To update and inform SWAAC members of the food scraps transfer capacity analysis that Metro recently completed. | |
| | | <i><u>Outcomes:</u></i> <ul style="list-style-type: none">• Understanding of the purpose and findings of the transfer capacity analysis.• Input from SWAAC members regarding additional information that could be beneficial in understanding current and future transfer capacity. | |
| 11:20 AM | 6. | CITIZEN COMMUNICATIONS TO SWAAC AGENDA ITEMS | |
| 11:30 AM | 7. | PREVIEW OF THE NEXT MEETING'S AGENDA AND FINAL COMMENTS | Matt Korot, Chair |
| 11:35 AM | 8. | ADJOURN (approximate time) | |

* Material available on the Metro website.
** Material will be distributed in advance of the meeting.
Material will be distributed at the meeting.

Upcoming SWAAC Meetings:

- Wednesday, June 10, 2015 from 10 a.m. to 12 p.m. (noon) at the Metro Regional Center
- Wednesday, July 8, 2015 from 10 a.m. to 12 p.m. (noon) at the Metro Regional Center

For agenda and schedule information, call Matt Korot at 503-797-1760, e-mail: matt.korot@oregonmetro.gov.

To check on closure or cancellations during inclement weather please call 503-797-1700.

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Metro | *Meeting minutes*

Meeting: Solid Waste Alternatives Advisory Committee (SWAAC)
Date: February 11, 2015
Place: Metro Regional Center, Council Chamber

Members present

Paul Ehinger, Metro
Kathy Kaatz, City of Tualatin
Scott Keller, City of Beaverton
Leslie Kochan, Oregon Dept. of Environmental Quality
Theresa Koppang, Washington County
Matt Korot, Metro
Mike Leichner, Pride Disposal
Keith Ristau, Far West Recycling
Bruce Walker, City of Portland
Amy Pepper, City of Troutdale
Amy Roth, Association of Oregon Recyclers

Members absent

Alando Simpson, City of Roses Disposal & Recycling
Dan Blue, City of Gresham

Guests

Tom Chaimov, Metro
Marta McGuire, Metro
Matt Tracy, Metro

1. CALL TO ORDER AND DECLARATION OF A QUORUM

Chair Matt Korot called the meeting to order and declared a quorum.

2. COMMENTS FROM THE CHAIR AND COMMITTEE MEMBERS

Chair Korot reviewed the agenda items. He also noted that recruitment for the vacant SWAAC position for jurisdictions under 50,000 will be closing next week. Council President Hughes will appoint the new committee member and the Metro Council will confirm the appointment.

In response to member questions, Chair Korot said that the new Recycling Information Supervisor, Susan Unrein, will begin work on March 2, 2015 and that Dan Nibouer, Metro's new Disaster Debris planner, will be reaching out to local governments soon.

3. CONSIDERATION OF SWAC MINUTES FOR DECEMBER 10, 2014

The minutes of the December 10, 2014 SWAAC meeting were approved as written.

4. UPDATES AND UPCOMING EVENTS

Tom Chaimov, Metro, provided the following updates:

- **Landfill Capacity Project:** Established by a resolution of the Metro Council on December 4, 2014, the project will look at landfill disposal capacity of waste and provide options to Council for establishing a landfill disposal policy. Bryce Jacobson will be Project Manager and will be developing a work plan to be completed by June 2016.
- **Transfer System Configuration:** Doug Anderson will convene a task force to advise Metro staff on which options represent the best way to configure the transfer system, and inform which model of the public-private transfer system would best serve the public interest. The task force's input will be shared with the Metro Council. The 12-member task force includes private and public facilities operators and represents two-thirds of the collectors in the system, and 95% of the region's facilities for post-consumer discards. Three members of SWAAC are also members of the task force: Alando Simpson, Mike Leichner and Paul Ehinger. The first meeting will be held Feb. 20, 2015 at Metro in Room 370 from 9:00 a.m. to Noon. The meeting is open to the public.
- The **Westside Economic Alliance Breakfast**, sponsored by Waste Management, will be held February 19, 2015, with the theme of Getting to Zero Waste. Speakers will include Metro Councilor Kathryn Harrington, as well as representatives from Providence Health, Gerber Gear and Waste Management.
- The **Metro Council meeting** agenda on February 19, 2015 will include two solid waste items: A proposed non-system license to Arrow Sanitary to send food scraps to Dirt Hugger in Dallesport, WA and a proposal to approve the Cowlitz County Landfill as a designated facility for receiving dry waste residual, special waste and cleanup material from the Metro region.
- **Alternative to Landfills:** As part of the Solid Waste Roadmap's Long-Term Management of Discards project, Rob Smoot of Metro is developing a Request for Expressions of Interest (RFEOI) from qualified firms (those who have been involved in the successful operation of such a business). Mr. Smoot will have the RFEOI ready for deployment in mid-March.
- The **Metro Policy Advisory Committee** (MPAC) will convene on April 8, 2015 from 5:00 to 7:00 p.m. and will review the Solid Waste Roadmap.
- The **BioCycle West Coast Conference** will be held at the Red Lion Hotel on the River on April 13-16, 2015, with the theme of Building Climate Resilient Communities. Metro is one of the event sponsors and several speakers from Metro will be presenting, including Councilor Harrington.
- The **Let's Talk Trash** series continues on May 5, 2015 at the Clinton Street Theater. The guest speaker will be David Allaway of DEQ, who will present: "Ignoble Rot: Food scraps as compost and energy".

5. MIDTERM REVIEW OF REGIONAL SOLID WASTE MANAGEMENT PLAN

Marta McGuire, Metro, presented a draft of the midterm review of the Regional Solid Waste Management Plan (RSWMP).

The RSWMP identifies policies, goals and objectives to guide work in waste reduction, sustainable operations and the solid waste disposal system. The plan identifies the waste recovery rate as the primary measure of plan performance. The objectives of the review are to:

- Determine if the plan is being implemented uniformly and consistently across the region.
- Assess plan effectiveness in meeting program goals and objectives.
- Determine if major mid-course corrections are needed.

In the draft midterm review, Metro identifies key findings based on the implementation of the plan to date and offers four preliminary recommendations:

Recommendation 1: Continue work on key programs and make better progress on areas identified for improvement.

Recommendation 2: Develop new and updated goals to track environmental progress and consider the lifecycle impacts of products and materials.

Recommendation 3: Complete development of disposal system policies and guidance.

Recommendation 4: Initiate the planning process for the next RSWMP.

Committee input and questions

- Mr. Leichner wondered if the language in the draft review should be evaluated to ensure the correct terminology regarding goals is being used. Aspirational goals are not interchangeable with “mandated” goals. Chair Korot clarified that even if there were no penalty imposed for failure to achieve certain objectives, Metro would make a concerted effort to meet them as statutory goals. Ms. McGuire agreed to review the draft document to identify where the term “mandated goal” may have been used.
- Mr. Walker noted that the City of Portland and Association of Oregon Recyclers is assessing how the State of Washington is measuring interventions at facilities in that State.
- Mr. Leichner queried how stormwater runoff was linked to solid waste in the Sustainability Operations goals of the RSWMP. Matt Tracy of Metro replied that the targets associated with these goals were part of the original plan and developed by the committee that was made up of haulers and facility operators.
- Chair Korot spoke to the collaborative efforts on shared goals by those on this committee. Mr. Walker emphasized the efforts of jurisdictions and industry to work together, but stated that there is still much work to do.
- Mr. Leichner asked what impact a material, e.g., newspaper, that has essentially disappeared from the recyclables stream would have on the goals and numbers. Ms. Kochan stated that the DEQ sets goals for wastesheds recognizing that material amounts can fluctuate. Mr Leichner responded that the public may question why a goal was not reached if the disappeared components were not factored in.

6. CITIZEN COMMUNICATIONS TO SWAAC AGENDA

David White of the Oregon Refuse & Recycling Association (ORRA) stated that the industry he represents appreciates being involved in the 2015 mid-term review of RSWMP, but has concerns. Metro is not responsible for solid waste collection and receiving approval by DEQ gives it the mantle of collection. The implication of “aspirational” goals is that Metro doesn’t have a mechanism to enforce compliance. Using “statutory goal” versus “mandatory goal” indicates that these are not requirements, as there is no consequence. “Mandates” should be taken out of the RSWMP document. The way RSWMP addresses goals implies there will be sanctions if these goals are unmet. This bootstraps authority over collection when Metro does not have that authority.

7. PREVIEW OF THE NEXT MEETING'S AGENDA AND FINAL COMMENTS

Chair Korot said that it is still to be determined whether there will be a meeting in March. He will let members and the public know toward the end of February.

8. ADJOURN

Chair Korot adjourned the meeting at 11:25 a.m.

Food Scraps Transfer Capacity Analysis Overview

SWAAC Update May 13, 2015



Overview

- Quick refresher on the Roadmap Food Scraps Capacity project
- Transfer Capacity Analysis Overview
 - Study objectives
 - Information gathering process
 - Findings
- Next Steps

Roadmap Food Scraps Project Refresher

What actions should Metro take to ensure there is adequate and proximate capacity to transfer and process food scraps collected from the region's businesses and residents?

Council Direction to Date

Research paths to address supply

- Required Recovery
- Flow Control
- Financial Incentives

Research paths to address Proximity

- Allow material to flow out of region
- Metro uses resources to get facilities in region

Understanding current and future food scraps transfer capacity is integral in addressing both supply and proximity.

Transfer Capacity Project Objectives

- To gain an understanding of the capacity available at public and private transfer stations in the region to accept and manage 50,000 to 75,000 tons per year of commercial food scraps delivered under a variety of scenarios.
- To gain an understanding of the capacity available at public and private transfer stations or reloads in the region to accept and manage up to 230,000 tons per year of residential food scraps/yard debris mix.
- To gain an understanding of the potential impacts that food scraps would have on existing transfer station operations.

What We Did

- Metro identified transfer facility owners/operators to participate in an analysis of current and potential food scraps transfer capacity.
- In March, CH2M met with 15 facility owners/operators to collect this information.

How was the information gathered?

- One-on-one interviews and select site tours were conducted with the region's transfer facility owners as well as a few selected reloads.

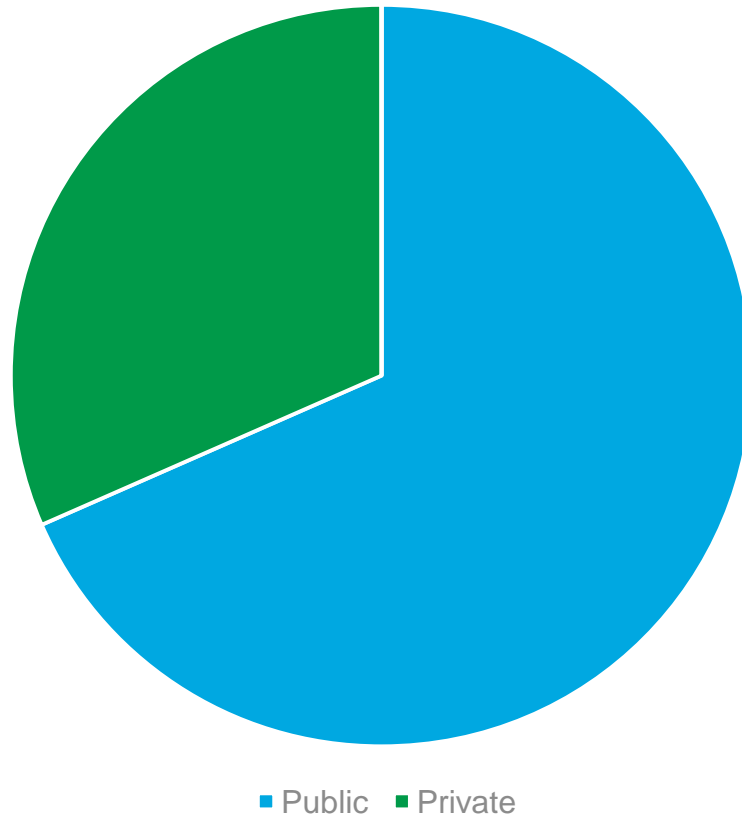
Facility	Address
West Van Materials Recovery Center	6601 NW Old River Road, Vancouver, WA
Forest Grove Transfer Station	1525 B Street, Forest Grove, OR 97116
Troutdale Transfer Station	869 NW Eastwind Dr., Troutdale, OR 97060
Gresham Sanitary Services (GSS)	2131 NW Birdsdale Ave., Gresham, OR 97030
Willamette Resources Inc. (WRI)	10295 SW Ridder Road, Wilsonville, OR 97070
Woodburn Transfer Station	2215 North Front St., Woodburn, OR
Pride Recycling Company	13910 SW Tualatin-Sherwood Road, Sherwood, OR 97140
K.B. Recycling, Inc. Clackamas Facility	9602 SE Clackamas Road, Clackamas, OR
K.B. Recycling, Inc. Canby Facility	1600 SE 4th Ave., Canby, OR
Suttle Road Recovery Facility	4044 N. Suttle Road, Portland OR 97217
Foster Road Recovery Facility	6400 SE 101st Ave., Portland, OR 97266
Metro Central Transfer Station	6161 NW 61st Ave., Portland, OR
Metro South Transfer Station	2001 Washington St., Oregon City, OR 97045
Hillsboro Garbage & Disposal	4945 Southwest Minter Bridge Road, Hillsboro, OR
S&H Recycling	1601 N Columbia Blvd. , Portland, OR

Goal vs. Transfer Capacity

	Goal (TPY)	Currently Manage (TPY)	Additional/ Unused Capacity (without capital upgrades) (TPY)	Additional Capacity (with capital upgrades) (TPY)	Total Potential Capacity With Capital Improvements (TPY)
Commercial Food Scraps	50,000 to 75,000	~30,000	~30,000 to 50,000	~13,000	~73,000 to 93,000
Residential Food/Yard Debris	230,000	~126,000	~119,000 to 129,000	~11,000	~256,000 to 266,000

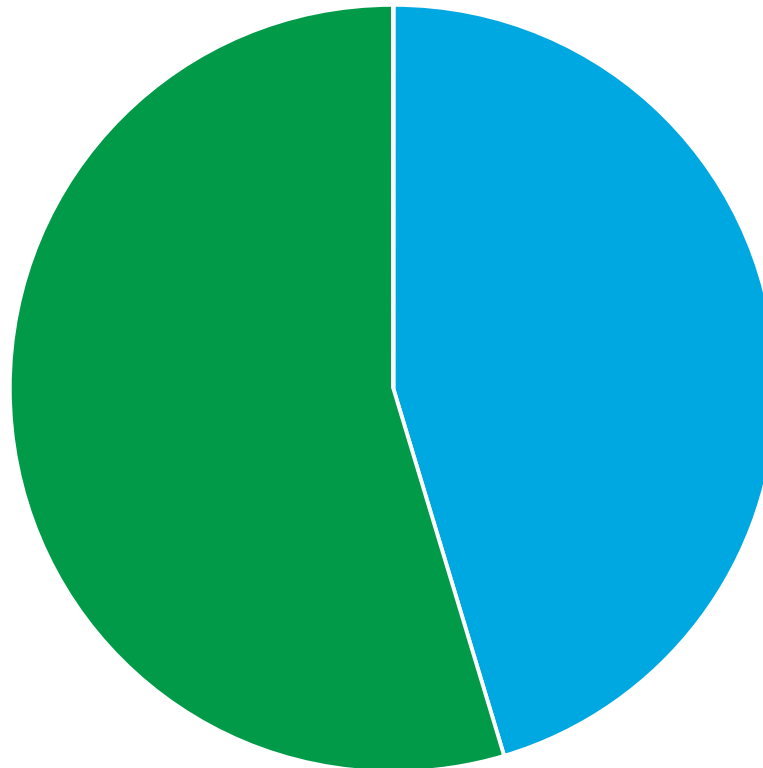
Public vs. Private Potential Total Transfer Capacity Commercial

Commercial Food Scrap Capacity



Public vs. Private Potential Total Transfer Capacity Residential

Residential Food/Yard Debris



■ Public ■ Private

Barriers to accepting food scraps

- Known/nearby processor
- Regulatory/permitting issues
- Contamination
- Truck types
- End markets
- System needs to be structured so all players can be competitive

Incentives that would encourage acceptance of food scraps

- Primary incentive is to make food scraps transfer system economically feasible:
 - Structured so all can be competitive/profitable
 - Grants, loans, technical assistance
- Having a guaranteed/known processor and/or guaranteed flow were also mentioned.

System Impacts

- Overall, the existing transfer system has potential available transfer capacity capable of managing the projected commercial food scraps and residential food/yard debris.
- The overall system capacity does not consider matching the needs of generators to capacity in various sub-geographies within the Metro region.
- Based on the results of this study, we know that unless capital improvements are made the western portion of the region does not have adequate transfer capacity.
- All private facilities provided capacity estimates for scenarios that did not involve displacement of other materials (some required new capital and other operational changes).

How will the information be used?

- To develop options and approaches for efficient and effective food scraps transfer scenarios to serve the region.
- To inform the Solid Waste Roadmap Food Scraps Capacity, Transfer System and Long-Term Discards projects as they go forward.

Next Steps

- A draft findings report has been drafted and is currently being reviewed to ensure accuracy.
- A final report will be complete by late May and shared with the Transfer System Task Force, SWAAC, and posted on the Solid Waste Roadmap web pages.

Thank You

Jennifer Erickson - Jennifer.Erickson@oregonmetro.gov

Lyndsey Lopez – Lyndsey.Lopez@ch2m.com

