

MPAC Worksheet

Agenda Item Title: Garbage and Recycling System Facilities Plan – Phase 2 Engagement Summary

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Purpose/Objective

- Present an update on the status of the Garbage and Recycling System Facilities Plan project, which will outline future infrastructure investments and services needed to fulfill goals in the 2030 Regional Waste Plan over the next 20 years.
- Review the results of engagement completed in Phase 2 of the plan to identify gaps in the region's reuse, recycling and garbage facilities and infrastructure.

Outcome

- MPAC members understand what was learned from engagement by reviewing the major themes and understand how this will guide the technical analysis of facility gaps and scenarios for future investment in Phase 3.
- MPAC members provide feedback on the themes identified through engagement, prior to staff taking a report to Metro Council on January 31, 2023.

What has changed since MPAC last considered this issue/item?

Staff presented the draft project values and outcomes developed in Phase 1 to MPAC in April 2022. Metro Council reviewed and provided input on these in a Council Work Session in May 2022. Project staff incorporated Council's feedback and presented the final Garbage and Recycling System Facilities Plan Values and Outcomes to Councilors in briefings in September 2022 (Attachment 2).

The focus of Phase 2 was to develop an understanding of what materials and services require a facility for collection, processing or retailing and then to look at what facilities currently provide these and where gaps exist in the present and 20 years in the future. This includes both community and stakeholder engagement to identify garbage and recycling system facility gaps and needs, as well as technical analysis to present information on the capacity of existing regional facilities and identify the gaps in facilities that handle materials needed to achieve regional waste reduction goals.

Some of the technical analysis work is underway and additional analysis will be conducted in the coming months to inform the scenario development.

Engagement themes

Between September and December 2022, the project team provided presentations and facilitated discussions with advisory groups, convened virtual roundtable discussions and conducted engagements with Metro garbage and recycling program and facility staff. A survey was offered to all meeting participants and a gaps voting exercise was completed by facility staff. In addition, previous studies that have included engagement around garbage and recycling services and facilities were reviewed and conclusions related to facility needs are outlined in the Phase 2 Engagement Summary Report (Attachment 1).

Input on the gaps generated in the community advisory group, roundtable discussions and staff engagements were collected and sorted by theme. Six major themes emerged specific to gaps in facilities and infrastructure:

1. General residential self-haul	Need for more places throughout the Metro region for self-haul household waste.
2. Bulky waste, reuse and repair drop-off	Need for centralized locations with adequate space to drop-off large household items (furniture, appliances) and other items for reuse/repair.
3. Hard-to-recycle items	Need for more places throughout the Metro region to take hard-to-recycle items, such as old clothes, medicines, sharps, construction waste.
4. Amenities at transfer facilities or other needed facilities	Need for improvements at existing facilities including more space for sorting items and additional facilities to take items for recycling, reuse, repair and distribution.
5. Residential hazardous waste	Need for more places throughout the Metro region that collect household (residential) hazardous waste.
6. Reuse and repair warehouse hubs	Need for centralized locations with adequate warehouse space for sorting and storing reuse and repair items.

Additional details and specific examples of comments collected related to these themes are outlined in the Engagement Report (Attachment 1).

Technical analysis

In December 2022, technical analysis research and work was started including geospatial mapping of the region's existing garbage, recycling, reuse and repair facilities. Maps showing travel times from the current geographic distribution of facilities that accept both self-haul garbage (wet waste) and household hazardous waste show that there is inequitable distribution of these facilities throughout the region. Forest Grove, Cornelius, Hillsboro, Cooper Mountain, Gresham, and Troutdale tend to have the longest travel times to these types of facilities.

To assess how future growth may impact the geographic distribution of facilities, the current population of the region was compared to the 2045 projected population. A review of the current population compared to the 2045 projected population, shows higher population growth is predicted to occur in the southern and south-eastern portions of the region, adjacent to Sherwood, Tualatin, and West Linn, which would put additional strain on the Metro South Transfer Station. Additional analysis on materials projections in these areas is still in progress.

Four peer jurisdictions have been reviewed to identify the type, size, quantity, and cost of recent facilities that have been built to align with waste reduction goals. One example of this is King County, Washington, where their system facility evaluation in 2006 resulted in recommendations for constructing four new transfer stations, closing three outdated transfer stations, and retaining three existing transfer stations and two rural drop box facilities. King County secured loans for these capital improvement program changes, including \$333 million from 2013 to 2017, with an additional \$280 million of capital investment projected for 2018 to 2024 and beyond. Additional research on other jurisdictions' recent capital improvement plans and facility development to meet waste reduction goals will be part of the technical analysis and used to develop scenarios in Phase 3.

What packet material do you plan to include?

1. Garbage and Recycling System Facilities Plan, Phase 2 Engagement Summary Report
2. Garbage and Recycling System Facilities Plan, Values and Outcomes