

Metro | *Agenda*

Meeting: Metro Council Work Session
Date: Tuesday, July 28, 2015
Time: 2:00 p.m.
Place: Metro Regional Center, Council Chamber

CALL TO ORDER AND ROLL CALL

- | | | |
|----------------|--|--|
| 2:00 PM | 1. CHIEF OPERATING OFFICER COMMUNICATION | |
| 2:10 PM | 2. SOLID WASTE ROADMAP: LONG-TERM MANAGEMENT OPTIONS FOR SOLID WASTE | Paul Ehinger, Metro
Rob Smoot, Metro |
| 3:10 PM | 3. 2015 URBAN GROWTH MANAGEMENT DECISION: COO RECOMMENDATION DISCUSSION | Martha Bennett, Metro
Elissa Gertler, Metro
Ted Reid, Metro |
| 4:15 PM | 4. COUNCILOR LIAISON UPDATES AND COUNCIL COMMUNICATION | |

ADJOURN

AN EXECUTIVE SESSION WILL BE HELD IMMEDIATELY FOLLOWING THE PUBLIC MEETING PURSUANT TO ORS 192.660(2)(i), TO REVIEW AND EVALUATE THE PERFORMANCE OF AN OFFICER, EMPLOYEE, OR STAFF MEMBER IF THE PERSON DOES NOT REQUEST AN OPEN MEETING.

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Ogeysiiska takooris la'aanta ee Metro

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សេចក្តីជូនដំណឹងអំពីការមិនរើសអើងរបស់ Metro

ការគោរពសិទ្ធិពលរដ្ឋរបស់ ។ សំរាប់ព័ត៌មានអំពីកម្មវិធីសិទ្ធិពលរដ្ឋរបស់ Metro ឬដើម្បីទទួលបានក្បួនលំអររើសអើងសូមចូលទស្សនាការប្រកាស www.oregonmetro.gov/civilrights។
បើលោកអ្នកត្រូវការការបកប្រែភាសានៅពេលអង្គប្រជុំសាធារណៈ សូមទូរស័ព្ទមកលេខ 503-797-1890 (ម៉ោង 8 ព្រឹកដល់ម៉ោង 5 ល្ងាច ថ្ងៃធ្វើការ) ប្រាំពីរថ្ងៃ ថ្ងៃធ្វើការ មុនថ្ងៃប្រជុំដើម្បីអាចឲ្យគេសម្រួលតាមសំណើរបស់លោកអ្នក ។

إشعار بعدم التمييز من Metro

تحتزم Metro الحقوق المدنية. للمزيد من المعلومات حول برنامج Metro للحقوق المدنية أو لإبداء شكوى ضد التمييز، يرجى زيارة الموقع الإلكتروني www.oregonmetro.gov/civilrights. إن كنت بحاجة إلى مساعدة في اللغة، يجب عليك الاتصال مقدماً برقم الهاتف 503-797-1890 (من الساعة 8 صباحاً حتى الساعة 5 مساءً، أيام الاثنين إلى الجمعة) قبل خمسة (5) أيام عمل من موعد الاجتماع.

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Metro txoj kev ntxub ntxaug daim ntawv ceeb toom

Metro tributes cai. Rau cov lus qhia txog Metro txoj cai kev pab, los yog kom sau ib daim ntawv tsis txaus siab, mus saib www.oregonmetro.gov/civilrights. Yog hais tias koj xav tau lus kev pab, hu rau 503-797-1890 (8 teev sawv ntxov txog 5 teev tsaus ntuj weekdays) 5 hnub ua hauj lw m ua ntej ntawm lub rooj sib tham.

Agenda Item No. 2.0

**SOLID WASTE ROADMAP:
LONG-TERM MANAGEMENT OPTIONS FOR SOLID WASTE**

Metro Council Work Session
Tuesday, July 28, 2015
Metro Regional Center, Council Chamber

METRO COUNCIL

Work Session Worksheet

PRESENTATION DATE: July 28, 2015 **TIME:** 2:10 P.M. **LENGTH:** 60 minutes

PRESENTATION TITLE: Long-Term Management Options for Solid Waste

DEPARTMENT: Property and Environmental Services

PRESENTER(S): Paul Ehinger, 503-797-1789, Paul.Ehinger@OregonMetro.gov and Rob Smoot, 503-797-1689, Rob.Smoot@OregonMetro.gov

WORK SESSION PURPOSE & DESIRED OUTCOMES

Purpose: To update the Metro Council of staff's analysis of options for long-term management of our region's garbage and to gain Council's support and guidance in selecting options for further analysis.

Outcome: Support and guidance from Council that will inform further analysis of selected options.

TOPIC BACKGROUND & FRAMING THE WORK SESSION DISCUSSION

When it comes to managing waste, our region has a track record of success. We continue to recycle more, reduce the amount of waste we generate per person, and manage garbage safely to protect people and the environment.

Metro manages the region's solid waste system to protect people's health and the environment, to get good value for services received, ensure the highest and best use of materials, enable flexibility and adaptability in the system, and to ensure access to services for all types of customers. Technology and the marketplace have changed in the more than 20 years since Metro entered into a contract for landfill disposal of the region's garbage. The next few years provide an opportunity for Metro to determine what system changes could lead to an even better system of managing garbage.

Metro needs to renew or find some sort of replacement for its disposal contract which is set to expire December 31, 2019. At that time, and into the future, what should the region do with its garbage? How can the region make better use of this resource we literally throw away?

To answer these questions, Metro initiated the Long-Term Management [of garbage] project as part of the Solid Waste Roadmap to examine and consider a broad array of waste management technology options.

On July 15, 2014, the Metro Council held its first work session to discuss these different technologies and directed Metro staff to study six of them further. Those six are (1) Landfills, (2) Direct combustion, (3) Gasification, (4) Dry Anaerobic Digestion, (5) Refuse-Derived Fuel and (6) Advanced Material Recovery.

It became clear to staff during the analysis of technology options that specific vendor and developer information would be needed to further evaluate which options and providers are best suited to meet the region's needs for handling waste after 2019. Staff worked with its consultant to craft a formal Request for Expressions of Interest (RFEOI) to elicit interest and better information about

the viability of all of these technologies; except landfills, which we are already familiar with and have multiple options available to choose from.

In March 2015, Metro issued the RFEOI through the Oregon Procurement Information Network (ORPIN) and directly solicited nearly 100 companies worldwide. The solicitation was intended for companies with real, verifiable and implementable processes. Companies were asked to provide information on the technologies that they could implement for management of the Metro region's garbage, including examples of where technologies have been successfully implemented and how much garbage these technologies are processing.

Nineteen responses were received from companies across the United States and around the globe. Metro staff convened a taskforce of experts to review the responses to the RFEOI. Staff is presenting the taskforce findings and will discuss them with the Metro Council at this work session.

Decisions on other Solid Waste Roadmap projects will impact the long-term management project. Success of the Food Scraps project to keep food out of the disposal system will affect what is left in the waste stream to be managed and the options that are best suited for managing that leftover garbage. The region's system of transfer stations may need to change to better support the management option(s) chosen by the Metro Council through this long-term management project. All three of these projects (long-term management, food scraps and transfer system configuration) will inform what, if any, changes are needed to the operations of the Metro South Station and the investments required to improve that facility to meet future needs.

Through this work session, staff seeks to inform the Council of the recent findings of the long-term management project and seek support and guidance for narrowing options for further research. Following this work session, staff will conduct further research on the narrowed set of preferred options identified by the Council and return to the Council in November with a final recommendation on which new management option(s), if any, to implement.

QUESTIONS FOR COUNCIL CONSIDERATION


- Should staff reach out to conventional waste to energy providers to get details of implementation costs and schedules?
- Should staff develop alternatives for implementing advanced material recovery in the region?
- What information will you need to decide to implement one or more new long-term management options?

PACKET MATERIALS

- Would legislation be required for Council action Yes No
- If yes, is draft legislation attached? Yes No
- What other materials are you presenting today? [insert]

P:\projects\Solid Waste Ops\LongTermManagement\2work_session_worksheet_ltm072815.docx

Materials following this page were distributed at the meeting.



Metro | Agenda

Meeting: Metro Council Retreat – Equity Strategy and Action Plan
 Date: Thursday, July 30
 Time: 12:30 to 4:30 p.m.
 Place: Jade/APANO Multi-Cultural Space, 8114 SE Division (Metro-owned property)
 Outcome(s): Understanding of Equity Strategy and Action Plan development proposal and timeline
 Confirmation of policy areas to focus on for Equity Strategy
 Consensus on Centering on Racial Equity (CORE) approach

Time	Agenda item	Content	Presenter
	Lunch, Welcome and Case Study		
12:30 p.m.	Lunch	<i>Buffet provided by Thai Fresh</i>	
12:40 p.m.	Welcome	<i>Meeting purpose</i>	Tom Hughes
12:50 p.m.	Community welcome	<i>What does equity mean in the Jade District?</i>	Gauri Rajbaidya, APANO board chair
1 p.m.	Equitable TOD Case Study	An inside look at how community visions and values can inform development outcomes. <i>Overview of developer selection process to date for furniture store site</i>	Megan Gibb
	Equity Strategy Update		OUTCOME: Understand proposed timeline and approach
1:15 p.m.		<i>A brief history and present status</i>	Patty Unfred
1:20 p.m.		<i>Timeline and proposal for development of strategy and action plan</i>	Juan Carlos Ocaña-Chíu
1:30 p.m.		<i>Community feedback</i>	Cassie Salinas
	Building the Equity Strategy	QUESTION: In which policy areas and programs do you see the most opportunity to impact equitable outcomes?	OUTCOME: Agreement on priority policy and program areas to include as the basis for the equity strategy development
1:40 p.m.		<i>Overview</i>	Martha Bennett
1:45 p.m.		ACTIVITY: Council write priority strategy areas on sticky notes. Review and discuss. Select highest priorities to focus on in strategy. 60 minutes	Martha facilitates

2:45 p.m.	Break		
	Centering on Racial Equity	QUESTION: Do Councilors have input/comments on the staff recommendation?	OUTCOME: Council consensus on recommended approach and/or identification of additional information or discussion needed
3 p.m.		<i>Background and staff recommendation</i>	Scotty Ellis Juan Carlos Phil Wu
3:15 p.m.	View from the philanthropic world	<i>Learn why United Way has adopted a racial equity strategy</i>	Rekah Strong, Chief of Operations and Equity, United Way of the Columbia-Willamette
3:40 p.m.		ACTIVITY: Facilitated review and development of benefit/risk analysis. Identify likelihood of risks occurring and mitigation approaches. 40 minutes	Martha Bennett, facilitator
4:20 p.m.	Wrap up and next steps		Martha Bennett



Long-term management of garbage

Making the most of what we don't want



Update to Metro Council
Paul Ehinger and Rob Smoot
July 28, 2015











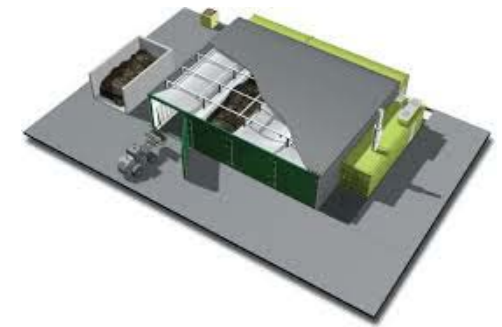
Public benefits



- Protect people's health
- Protect the environment
- Get good value for the public's money
- Keep our commitment to the highest and best use of resources
- Be adaptable and responsive in managing materials
- Ensure services are available to all types of customers

Council Approved Technologies

- Gasification
- Dry anaerobic digestion
- Refuse-derived fuels
- Advanced materials recovery
- Waste to Energy
- Landfills



Landfills are always available



Need for industry input

Information to tip the scales



19 Responses from around the globe



- Denmark
- The Netherlands
- Germany
- Belgium
- Switzerland
- Spain
- Canada
- US

Request for Expression of Interest (RFEOI)

Respondents	Type(s) of technologies proposed				
	AMR	WTE	Gasify	AD	RDF
1	AMR	WTE	Gasify	AD	RDF
2	AMR	WTE		AD	
3	AMR	WTE		AD	
4		WTE			
5	AMR			AD	RDF
6	AMR			AD	RDF
7	AMR			AD	RDF
8	AMR		Gasify	AD	RDF
9	AMR				RDF
10	AMR		Gasify	AD	
11	AMR		Gasify		
12	AMR			AD	RDF
13	AMR			AD	
14	AMR				RDF
15 *					
16	AMR		Gasify	AD	
17				AD	
18				AD	
19				AD	

AMR is Advanced Material Recovery; **WTE** is Waste to Energy; **Gasify** is Gasification **AD** is Anaerobic Digestion; **RDF** is Refuse Derived Fuel

* Non-responsive.

Gasification



Dry Anaerobic Digestion



Refuse-derived Fuels



Advanced Material Recovery



Waste to Energy



Assessment of gasification



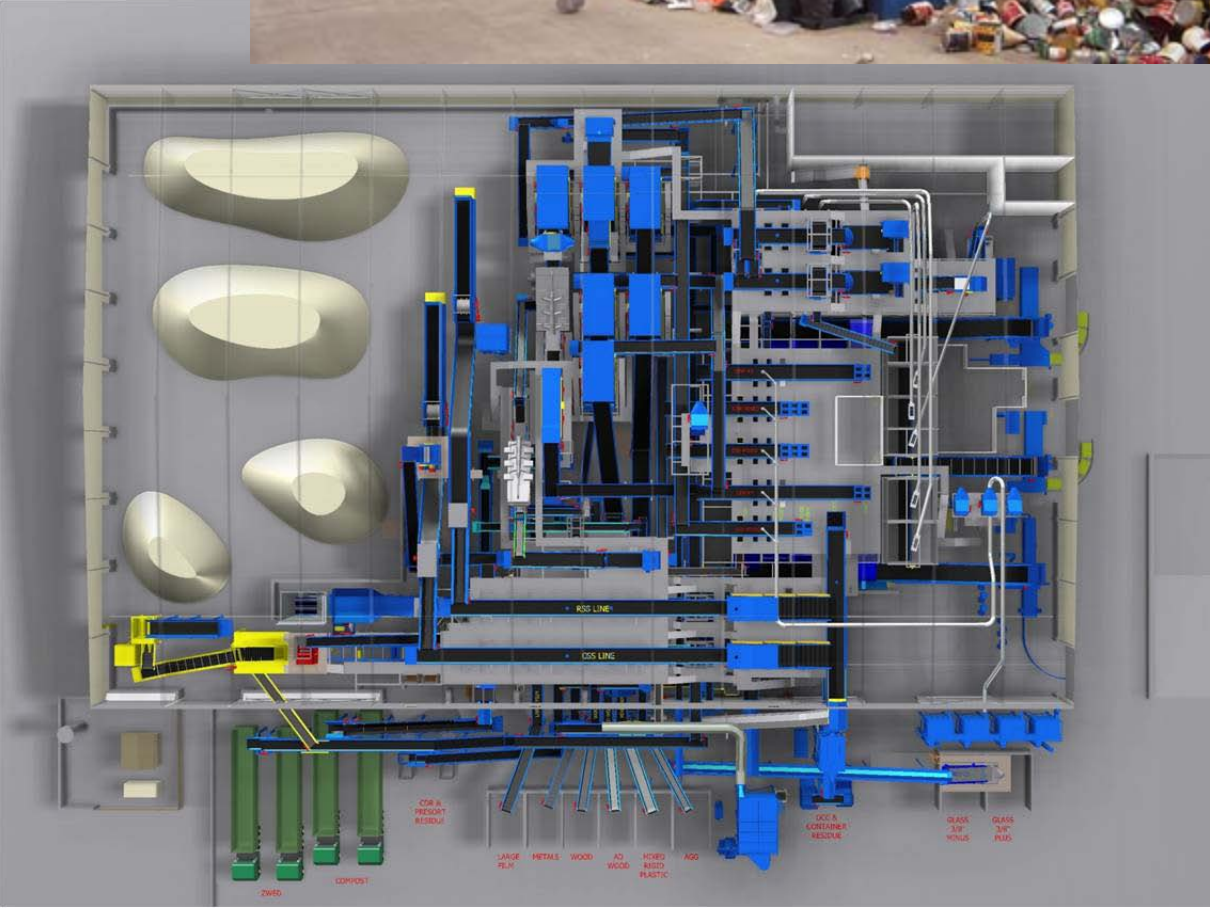
Assessment of dry anaerobic digestion



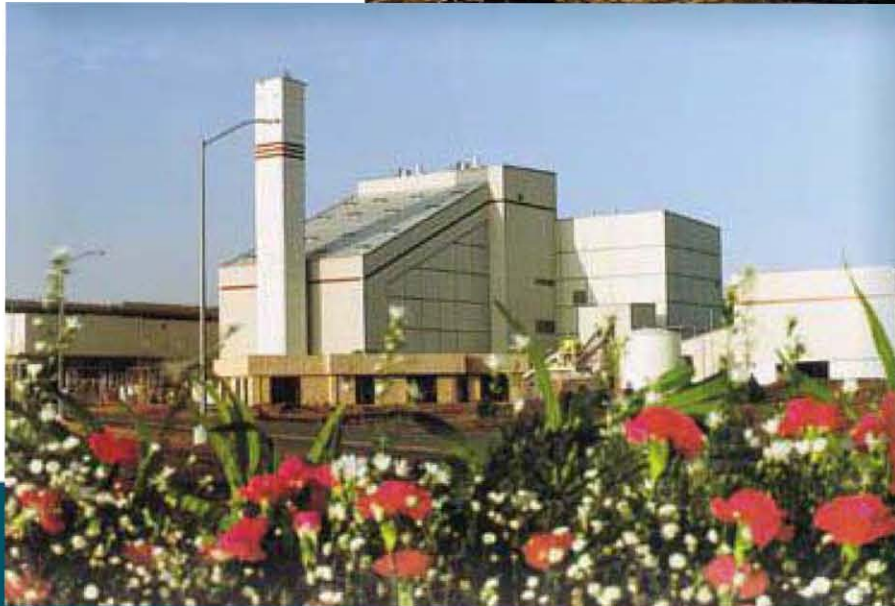
Assessment of refuse-derived fuels



Assessment of advanced material recovery



Assessment of waste to energy



Recommended approach

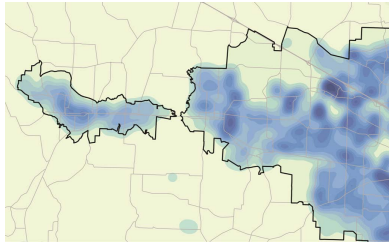
- Develop policy framework for pursuing advanced material recovery
- Explore Waste to Energy for feasibility; Cost, Schedule, Tonnage guarantee
- November 17: report to Council on findings, recommendations on how to proceed



Questions for Council

- Should staff develop alternatives for implementing advanced material recovery in the region?
- Should staff reach out to conventional waste to energy providers to get details of implementation costs and schedules?
- What information will you need to decide to implement one or more new long-term management options?





2015 urban growth management decision



Chief Operating Officer Recommendations to the Metro Council



Metro Council work session
July 28, 2015



Metro | *Making a great place*

Urban growth management decision TIMELINE

2013 Phase I

TECHNICAL ENGAGEMENT

Jan–Dec 2013
Develop 20-year
growth capacity
estimates

2014 Phase 2

URBAN GROWTH REPORT

July 2014
Draft urban
growth
report
released

Dec 2014
Metro
Council
accepts
draft UGR

2015 Phase 3

GROWTH MANAGEMENT DECISION

July 2015
COO recom-
mendation to
Metro Council

Fall 2015
MPAC recom-
mendation
and public
hearings

Nov 2015
Metro Council urban
growth management
decision

Phase I: technical engagement

Buildable land inventory technical working group

Jill Sherman, Gerding Edlen
Eric Cress, Urban Development Partners NW
Steve Kelley, Washington County
Brian Hanes, Washington County
Erin Wardell, Washington County
Colin Cooper, Hillsboro
Ali Turiel, Hillsboro
Emily Tritsch, Hillsboro
Ken Rencher, Beaverton
Mike Rizzitiello, Beaverton
Larry Conrad, Clackamas County
Denny Egner, Lake Oswego (through June 2013), Milwaukie
Chris Neamtzu, Wilsonville
Chuck Beasley, Multnomah County
Adam Barber, Multnomah County
Tom Armstrong, Portland
Tyler Bump, Portland (alternate)
Brian Martin, Gresham
Mike Tharp, Norris, Beggs, and Simpson
Bob LeFeber, Commercial Realty Advisors
Drake Butsch, First American Title Company
Stuart Skaug, CB Richard Ellis
Dan Grimberg, Arbor Homes
Jeff Bacharach, Bacharach Law
Andrew Tull, 3J Consulting
Justin Wood, Home Builders Association of Metropolitan Portland
Anne Debbaut, DLCD
Jennifer Donnelly, DLCD
Tom Hogue, DLCD
Gordon Howard, DLCD
Jerry Johnson, Johnson Economics
Eric Hovee, E.D. Hovee and Associates

Residential supply range technical working group

Erin Wardell, Washington County
Jeannine Rustad, Hillsboro
Emily Tritsch, Hillsboro
Gordon Howard, DLCD
Anne Debbaut, DLCD
Jennifer Donnelly, DLCD
Tom Armstrong, Portland
Justin Wood, Home Builders Association
Jerry Johnson, Johnson Economics
Eric Hovee, E.D. Hovee and Associates

Employment land technical working group

Bob LeFeber, Commercial Realty Advisors
Mark Childs, Capacity Commercial
Steve Kountz, Portland
Tyler Bump, Portland
Brian Owendoff, Capacity Commercial
Mike Tharp, Norris, Beggs, and Simpson

Regional forecast advisory panel

Dr. Tom Potiowsky, Chair, Northwest Economic Research Center, PSU
Dr. Jennifer Allen, Institute for Sustainable Solutions, PSU
Jerry Johnson, Johnson Economics
Dr. Jason Jurjevich, Population Research Center, PSU
Dave Lenar, NW Natural
Dr. Randall Pozdena, ECONorthwest
Steve Storm, NW Natural

Phase II: 2014 Urban Growth Report



7/22/14	Council – intro to draft UGR
7/23/14	MPAC – intro to draft UGR
9/9/14	Council – residential preference study
9/10/14	MPAC – residential preference study
9/23/14	Council – housing needs
10/8/14	MPAC – housing needs
10/9/14	Council – employment needs, industrial site readiness
10/14/14	Council – request advice from MPAC on acceptance of draft UGR
10/22/14	MPAC – employment needs, industrial site readiness
11/12/14	MPAC – recommendation to Council on UGR
12/4/14	Council – hearing and decision on UGR

Phase III (urban growth management decision)

- 2/3/15 Council – retreat on urban growth management work program for 2015
- 2/17/15 Council – proposed urban growth management work program for 2015
- 2/25/15 MPAC – urban growth management work program for 2015
- 3/31/15 Council – Portland’s comprehensive plan update
- 4/8/15 MPAC – Portland’s comprehensive plan update
- 4/22/15 MPAC – Likelihood of development in urban centers such as Portland
- 5/5/15 Council – Likelihood of development in urban centers such as Portland
- 5/12/15 Council /Damascus City Council – Likelihood of development in Damascus
- 5/27/15 MPAC – Likelihood of development in urban growth boundary expansion areas, including Damascus
- 6/10/15 MPAC – Planning and development activities in Hillsboro
- 6/16/15 Council – Planning within a range forecast
- 6/24/15 MPAC – Planning within a range forecast
- 6/25/15 Council – Direction to staff

2015 URBAN GROWTH MANAGEMENT DECISION:

RECOMMENDATIONS TO THE METRO COUNCIL
FROM METRO'S CHIEF OPERATING OFFICER

JULY 2015





Factors that influence the recommendations:

- Economic changes
- Legal and political factors
- Success of regional and local policies



Recommendations:

2015 urban growth management decision

1. Decide not to expand the UGB
2. Begin the next UGR sooner
3. Seek acknowledgement of reserves

Leadership on growth management policy

4. Explore evolution of residential growth management processes

Address challenges identified in UGR

5. Shift the region's episodic focus on challenges
6. Implement goals for middle and upper income job growth
7. Invest in regional and local plans

Next Steps

- July 28: Metro Council work session – discussion of Chief Operating Officer recommendation
- Aug 5: MTAC – discussion of Chief Operating Officer recommendation
- Aug 26: MPAC – discussion of Chief Operating Officer recommendation
- Sept 2: MTAC discussion (if needed)
- Sept 3: Metro Council work session (if needed)
- Sept 9: MPAC – recommendation to Metro Council
- Sept 15: Metro Council work session (provide direction to staff on point in range forecast and direction to finalize the Urban Growth Report and housing needs analysis based on that point forecast)
- Sept 24: First reading of ordinance and public hearing
- Oct 27: Proposed final Urban Growth Report available for review (reflecting point forecast)
- TBD: Additional public hearings
- Nov 19: Metro Council adoption of final Urban Growth Report and legal findings