WESTMINSTER
COLORADO

Water 2025 | Community Working Group

WATER2025

Meeting #2

Wednesday, August 22, 2018

Agenda

- Introductions
- Meeting Purpose & Guidelines
- Project Updates
- Site Identification: Process & Guiding Principles
- Site Characteristics Discussion
- Next Steps & Closing

Introductions

- Water 2025 Project Team Members
- Community Working Group Members

Meeting Purpose

- Provide an update on project progress and related activities
- Gain a common understanding of the site identification process
- Review and prioritize community values to establish guiding principles
- Discuss characteristics and tradeoffs of potential site areas

Meeting Guidelines

- Demonstrate courtesy and respect
- Maintain order and support a civil process - this is a safe environment
- Be considerate, do not engage in side conversations
- Actively listen, keep an open mind and refrain from interrupting
- Help us stay on agenda
- Commit to a collaborative and solutions oriented approach

Community Workgroup Roles and Responsibilities

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- Act as a representative of my community
- Bring ideas and actively participate
- Respect the ideas of others
- Be available
- Focus on the task at hand
- Serve as a project partner
- Share information

Project Updates

- CWG kick-off meeting: May 22, 2018

Community Workgroup Values: Site-Specific

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A location for the new drinking water facility that:

- Provides seamless service and high-quality product (drinking water)
- Accommodates future growth
- Reduces energy/cost related to pumping
- Preserves valuable green space
- Blends with the surrounding community
- Offers opportunity for water education and community amenities
- Utilizes advanced technologies
- Sustainably manages natural resources
- Minimizes property impacts to residents and businesses
- Maximizes return on investment

Community Workgroup Values: Community-Driven Process

Proactive and clear communications that:

- Explain why a new facility is needed
- Define the process going forward
- Engage diverse and multi-cultural communities
- Identify current and future community benefits
- Provide increasingly detailed and localized information
- Identify cost and water rate implications
- Share opportunities to get involved
- Create an inclusive community process, especially in neighborhoods that are impacted the most

Project Updates

- Steering Committee Workshop
- Pop-up community events
  - Movies in the Park
- Semper Tour
  - High-level takeaways
- Related projects
  - Sewer capacity and temporary development moratorium

Site Identification: Process

Project Need

- **Aging drinking water system**
  - Repair and replacement is always needed to maintain safe, high quality drinking water
  - Vulnerable to threats posed by drought and wildfire
- **Proactive planning**
  - Important for major infrastructure projects
  - Incorporates new water treatment technologies
- **Cost-effectiveness**
  - Aging system costs more to maintain
  - A new treatment plant is more efficient and cost-effective than upgrades to existing facilities

Water 2025 is…
A long-term planning project to replace the City of Westminster's aging Semper Water Treatment Facility

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- **Siting project goal**
  - Identify the best site for the new facility using a systematic review process that is based on technical and operational requirements, as well as significant community engagement.
- **Siting project process**
  - National model used on many projects across the U.S.A.

City's Plan to Maintain Safe, High Quality Drinking Water

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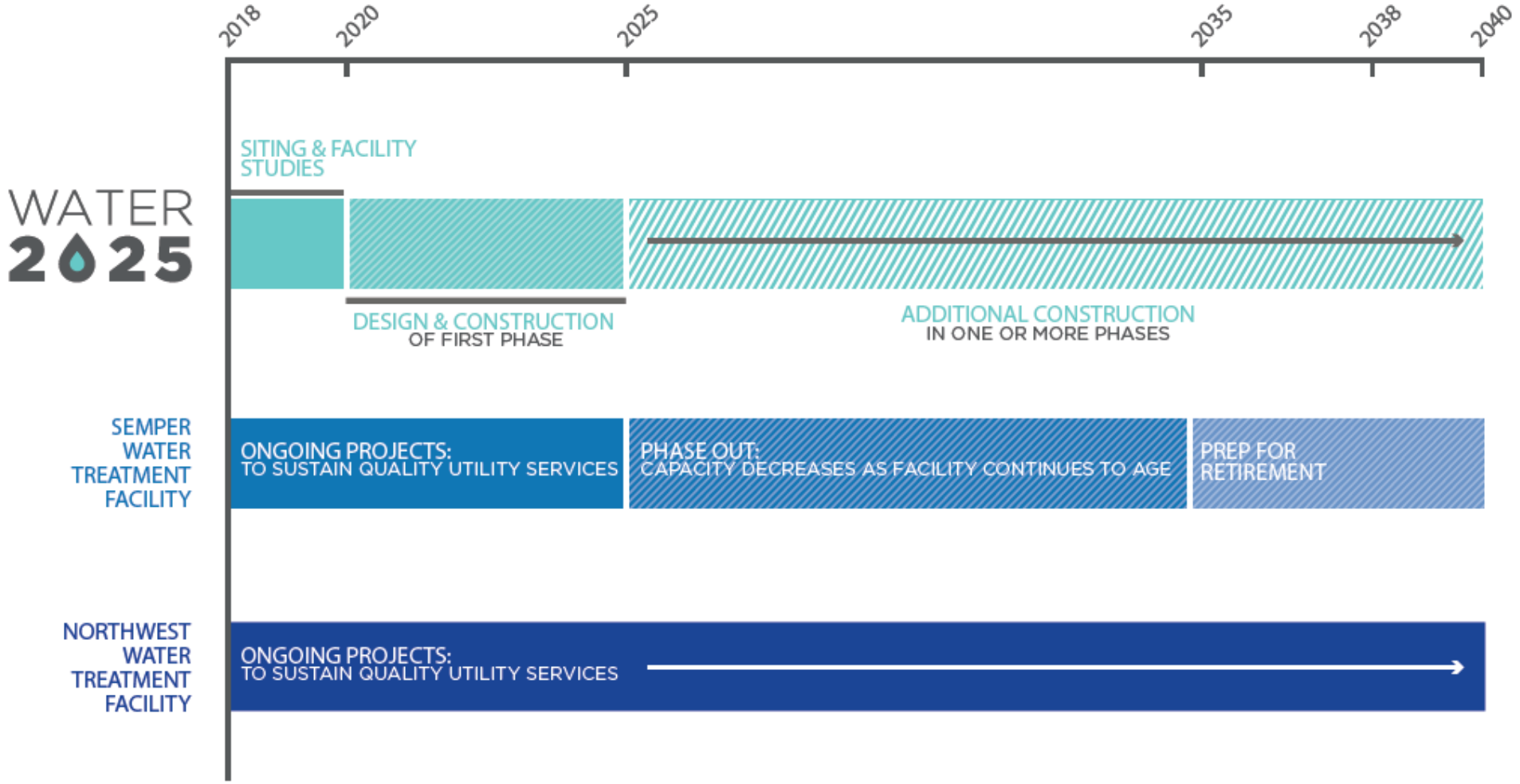
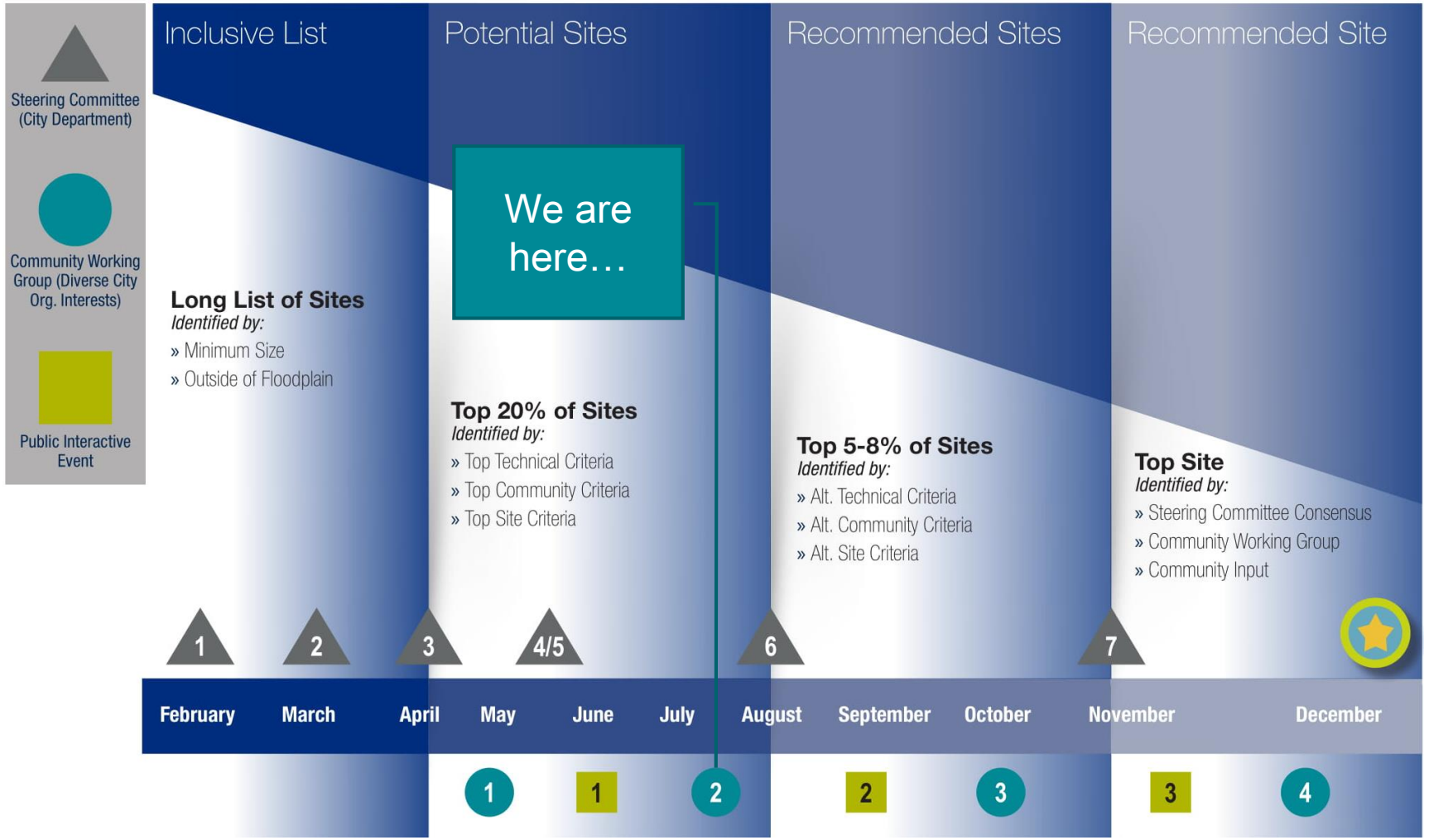
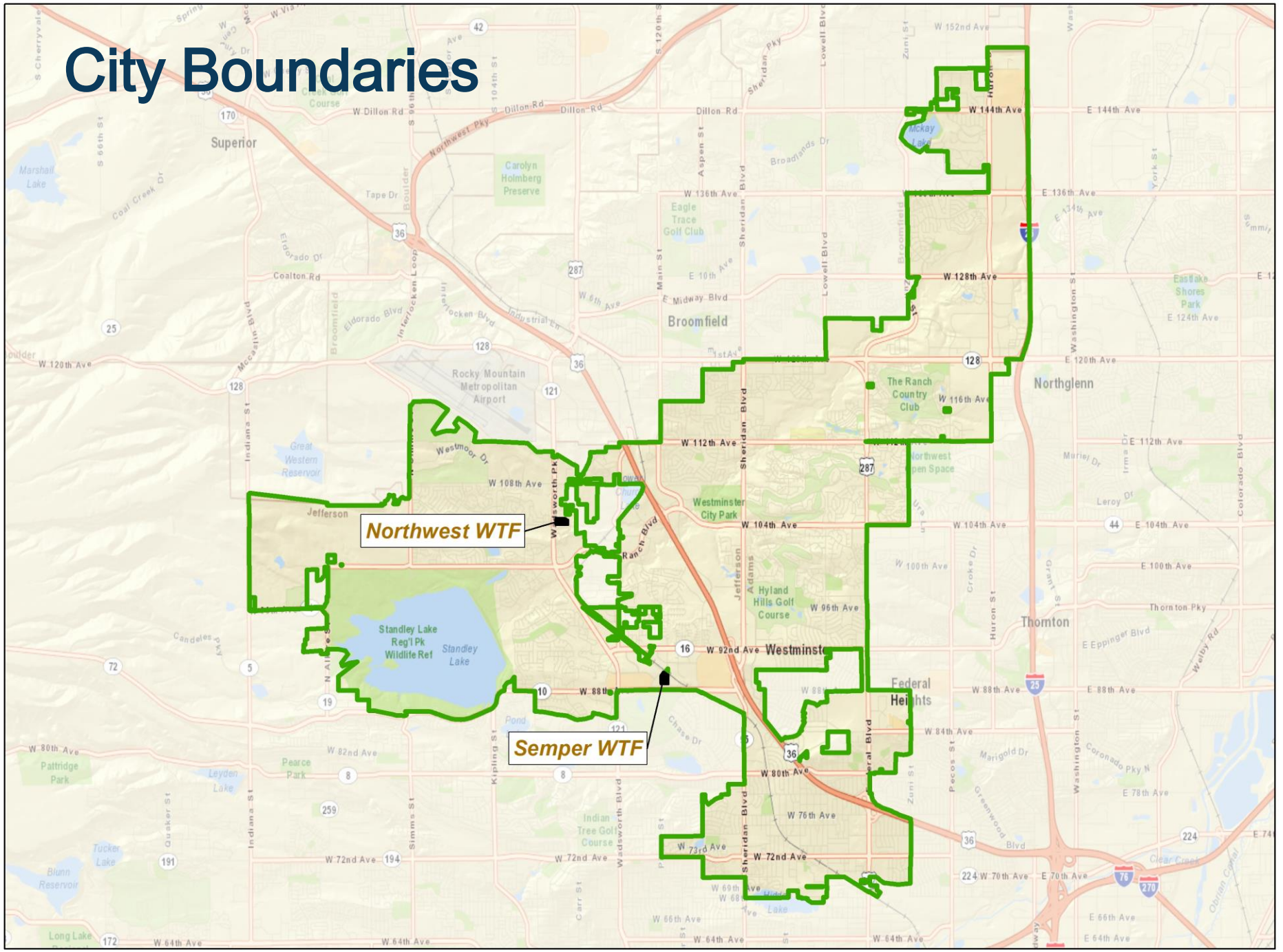


Site Selection Process and Schedule



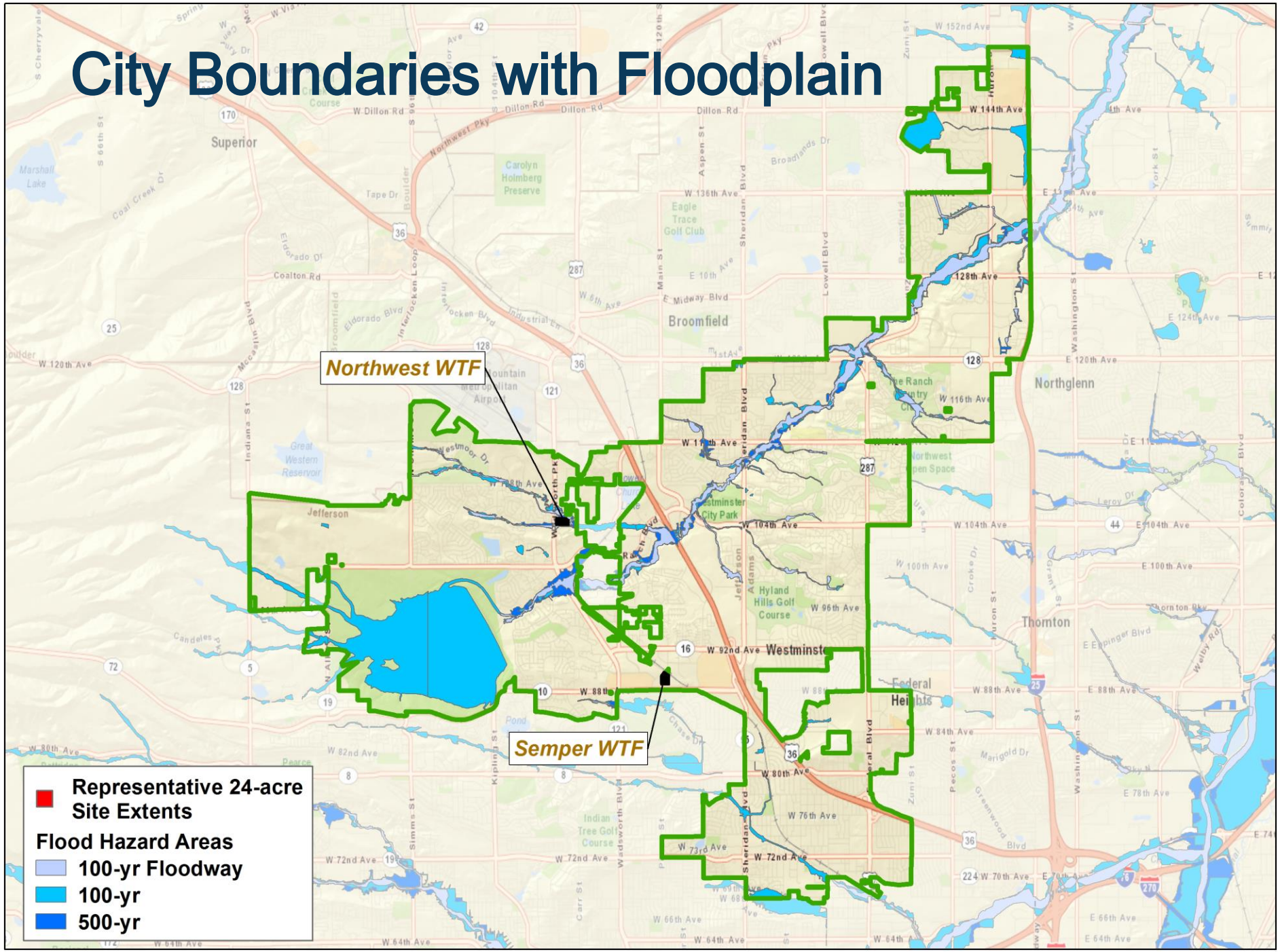
City Boundaries



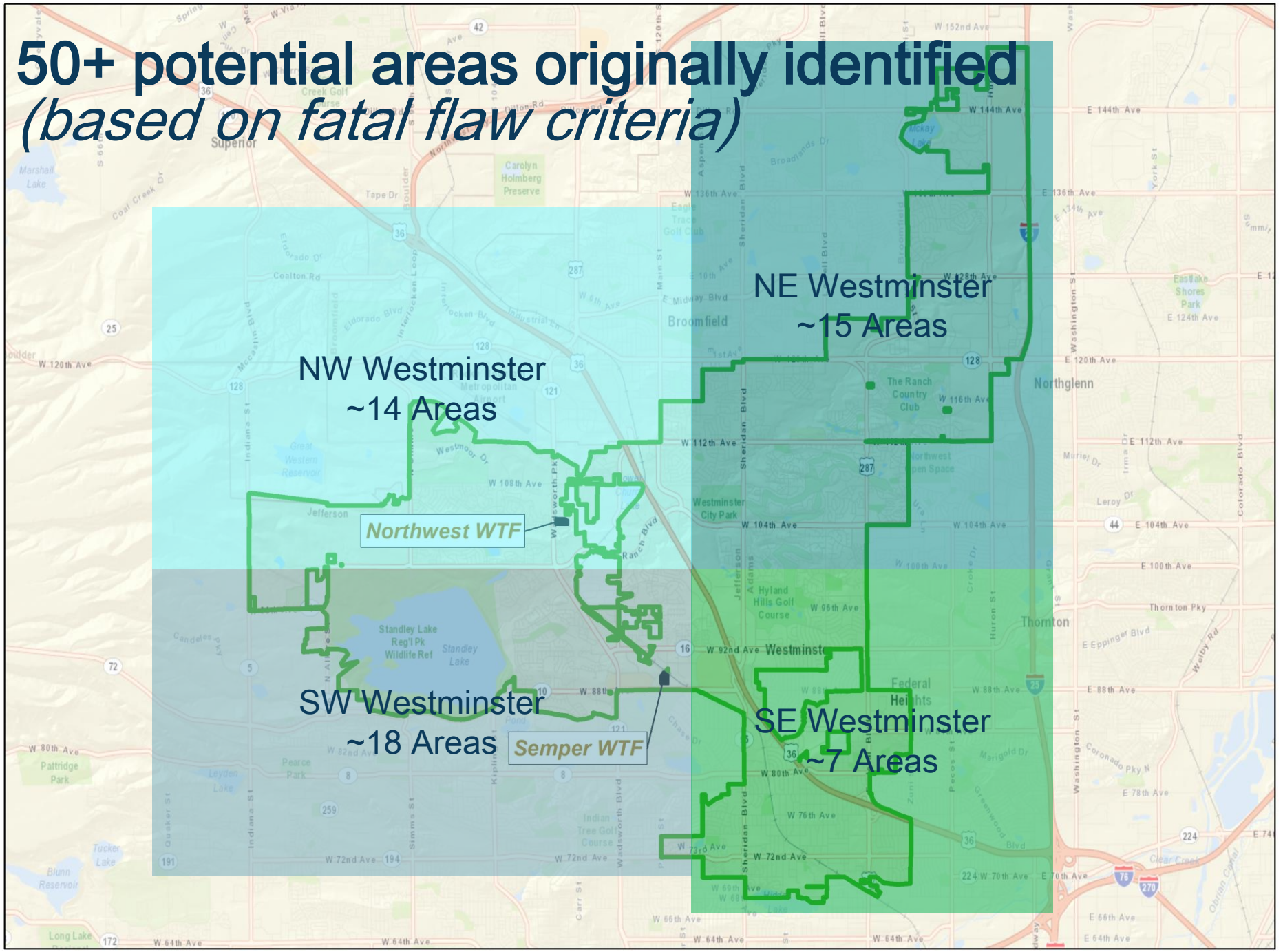
Technical Criteria

- **Fatal Flaw**
  - 24 acre minimum (20 acre plant/4 acre buffer)
  - Beyond 100-year floodplain

City Boundaries with Floodplain



50+ potential areas originally identified
(based on fatal flaw criteria)



Community Working Group Values

- Provides seamless service and high-quality product (drinking water)
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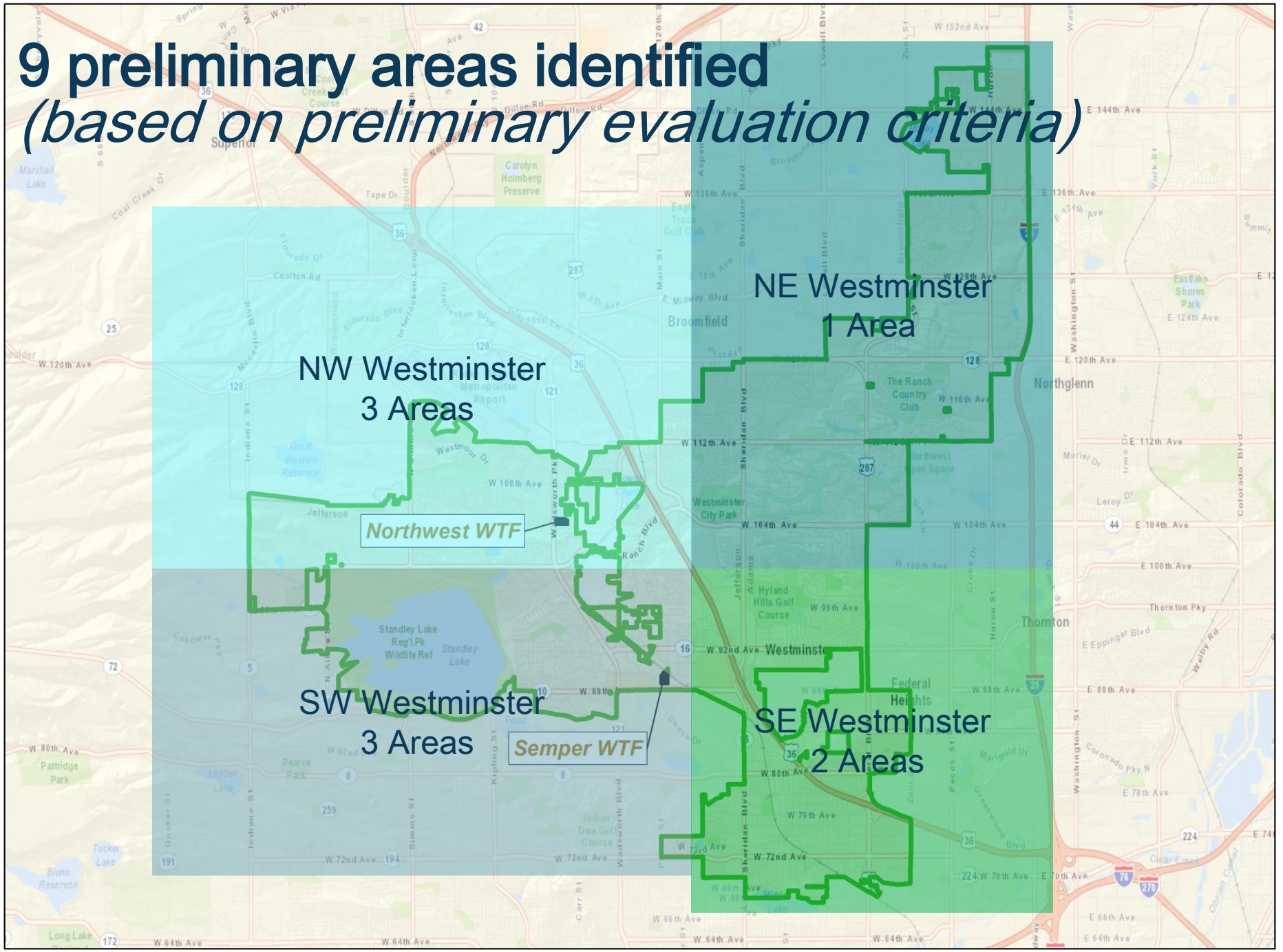
Preliminary Evaluation Criteria

- **Engineering**
  - Site hydropower potential: Mitigates pumping requirements
  - Location: Minimizes effective pipe distance
  - Minimizes need for terminal (onsite) storage and pumping
- **Site**
  - Access: Connects directly to a major arterial or collector street
- **Community**
  - Minimizes potential impact to critical community assets, such as parks, high value open space, prime commercial areas, residential areas or schools

9 preliminary areas identified
(based on preliminary evaluation criteria)



Site Identification: Guiding Principles

Community Working Group Values

- Provides seamless service and high-quality product (drinking water)
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Guiding Principles: Prioritizing Our Values

Prioritize your values by ranking the top three…
www.surveymonkey.com/r/Water2025

__ Provides seamless service and high-quality product (drinking water)
__ Accommodates future growth
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Site Characteristics Discussion

Site Characteristics

Questions

- Priorities
- Tradeoffs
- Opportunities
- Challenges

Characteristics Definitions

- **Area Size**
  - Determines opportunities for future facility expansion and/or replacement, treatment process updates, site security features, as well as potential space for community amenities.
- **Distance from Existing Infrastructure**
  - Accounts for risks, costs and timeline with respect to how much pipeline/pumping is needed to connect the facility.
- **Community Context**
  - Considers existing/planned land uses within certain areas, such as commercial, industrial, residential, open space, etc.
  - Considers vacant land v. underutilized space v. built environment

Distance From Existing Infrastructure

Characteristic	What it means	What we heard

Pipe/Pumping Distance	• Pipe/pumping distance required to operate
	• More pipe/pumping equals more:
	  ○ Cost and time to construct
	  ○ Operations and maintenance costs
	  ○ Service risks due to schedule delays
	  ○ Potential for service interruptions
	  ○ Potential for water line/main breaks
	  ○ Disruption for road construction
		• *Priorities?*
		• *Tradeoffs?*
		• *Opportunities?*
		• *Challenges?*

Area Size

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Characteristic	What it means	What we heard
Small (~24 acres)	• Bare minimum size required • Highest cost and complexity for site security and future facility expansion/updates • Minimal community amenity opportunities	• *Priorities?* • *Tradeoffs?* • *Opportunities?* • *Challenges?*
Medium	• Lower cost and complexity of future facility expansion/updates • Increased site security and community amenity opportunities	
Large (~40+ acres)	• Most cost effective and least complex future facility expansion/updates • Greatest site security and community amenity opportunities	

Community Context

Characteristic	What it means	What we heard
Commercial	• Primarily business, office, retail, and commercial uses	• *Priorities?* • *Tradeoffs?* • *Opportunities?* • *Challenges?*
Light Industrial	• Manufacturing, assembly, R&D, Warehouse, supportive office space	
Residential	• Residential housing and/or auxiliary buildings	
Open Space	• Designated open space, parks or wetlands owned by a government entity	

Community Context

Characteristic	What it means	What we heard
Vacant	• No current use: Public or privately held area that could be developed to use under Comprehensive Plan	• *Priorities?* • *Tradeoffs?* • *Opportunities?* • *Challenges?*
Built	• Active use: Area developed with current uses consistent with the City's Comprehensive Plan	
Open Space	• Sensitive: High value features with primary goal of preserving the resource • Urban Natural: Natural in appearance with no special features or unique species • Functional: Serves a specific functional purpose and is not associated with high value landscape or natural diversity	

Summary Table

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Area	Characteristics			
A - I	Area Size	Distance to Existing Infrastructure (pipe/pumping)	Community Context	
			Current Land Use	Current Status
A	Small	Short	Commercial + Light Industrial	Built
B	Small	Short	Light Industrial	Built/Vacant
C	Medium	Short	Commercial + Open Space	Built/Functional Open Space
D	Medium/Large	Medium	Commercial/Residential + Open Space	Vacant/Functional Open Space
E	Large	Long	Commercial/Residential	Vacant
F	Medium/Large	Medium	Residential/Open Space	Built/Functional Open Space
G	Small	Medium	Commercial/Residential	Vacant
H	Large	Medium	Light Industrial	Vacant
I	Small	Long	Commercial/Residential	Vacant

Next Steps

Closing

- Process moving forward
- Upcoming meeting dates
  - *Next Community Workgroup meeting: Early/mid October*
- Public events and outreach

Public Q&A