



WESTMINSTER
COLORADO

Water 2025 | Community Working Group

Meeting #3

WATER **2025**

Wednesday, February 27, 2019

Introductions

- Water 2025 Project Team Members
- Community Working Group Members

Meeting Purpose

- Analyze community values survey results
- Review recent updates to the site identification process
- Discuss characteristics of potential sites

Agenda

- Welcome & Introductions
- Meeting Purpose & Guidelines
- Project Updates: Community Values Survey
- Process and Criteria Review
- Remaining Sites Review
- Site Characteristics Discussion
- Next Steps & Closing

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

- 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 Meeting #2: August 22, 2018



Project Updates

- **Steering Committee Workshop**
- **Pop-up community events**
 - Movies in the Park
 - Halloween Harvest Festival
 - 106 Survey Responses

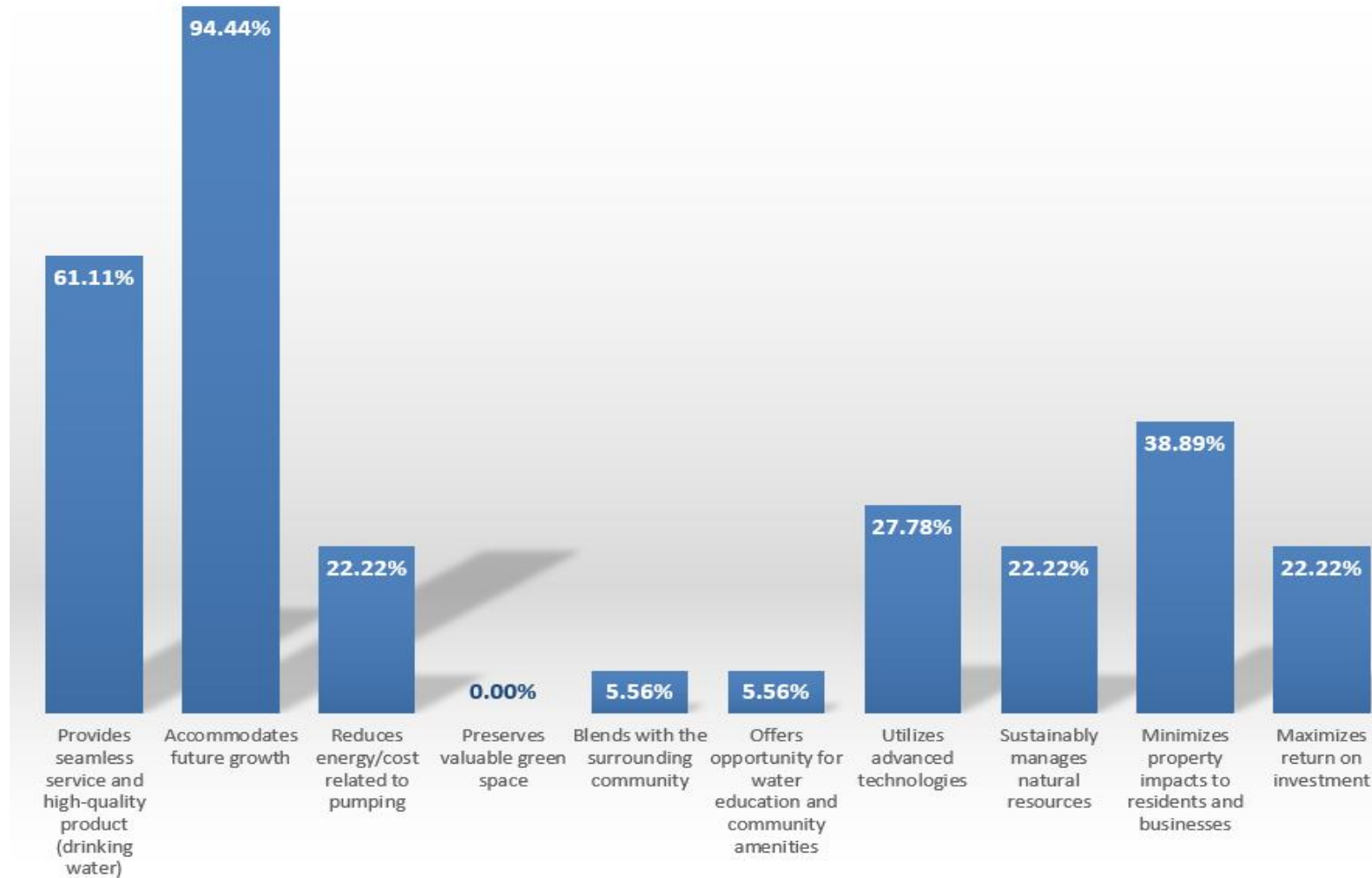


Community Workgroup Values: Site-Specific

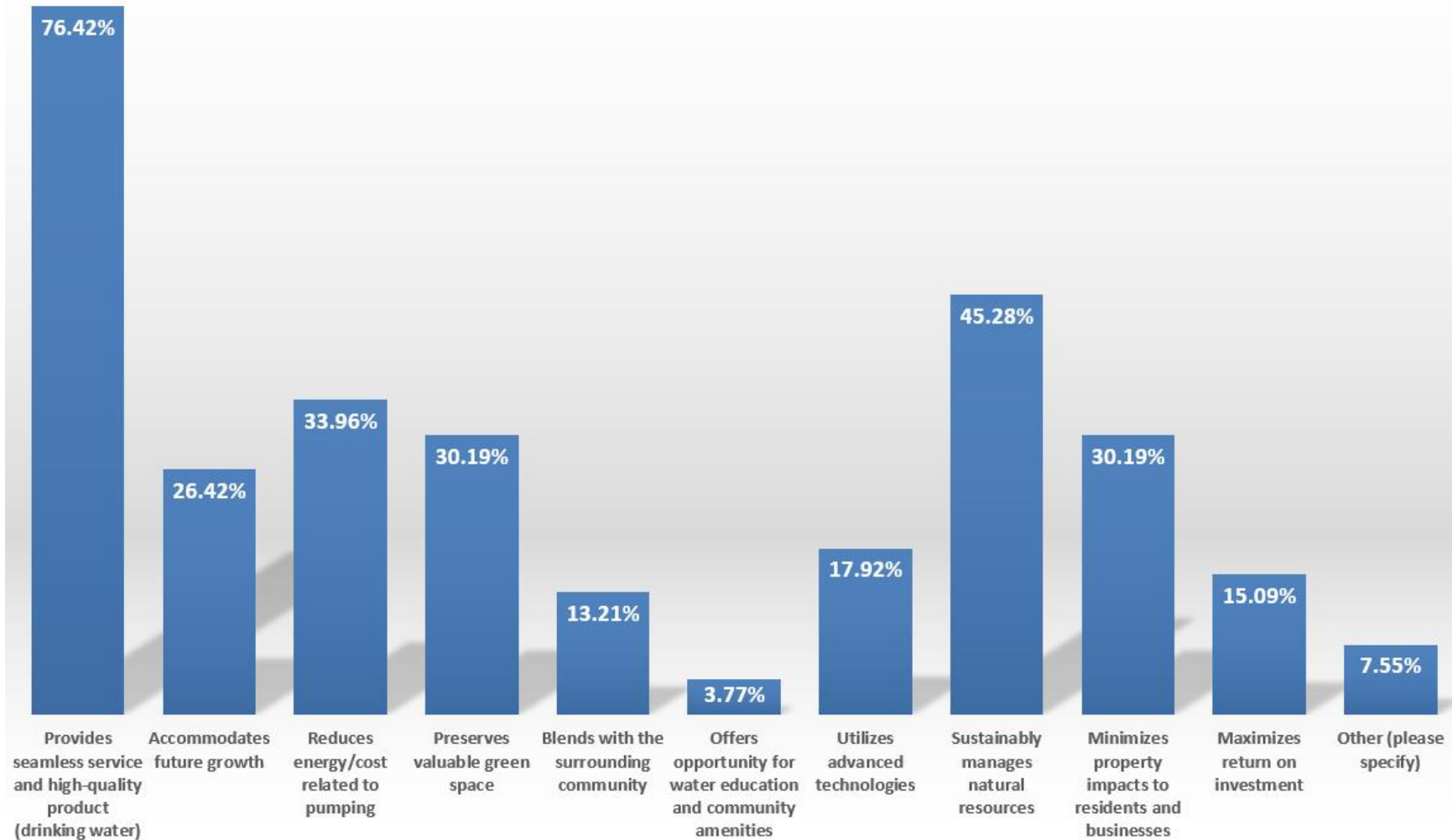
A location for the new drinking water facility that:

- 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

Guiding Principles Survey CWG Results



Guiding Principles Survey Community Results



Guiding Principles Summary Slide

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

Guiding Principles Summary Slide

Yellow highlight shows similarities between groups

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

Example Drinking Water Facilities

Northwest Water Treatment Facility Westminster, Colorado



Image and map data: Google

Utah



Image and map data: Google

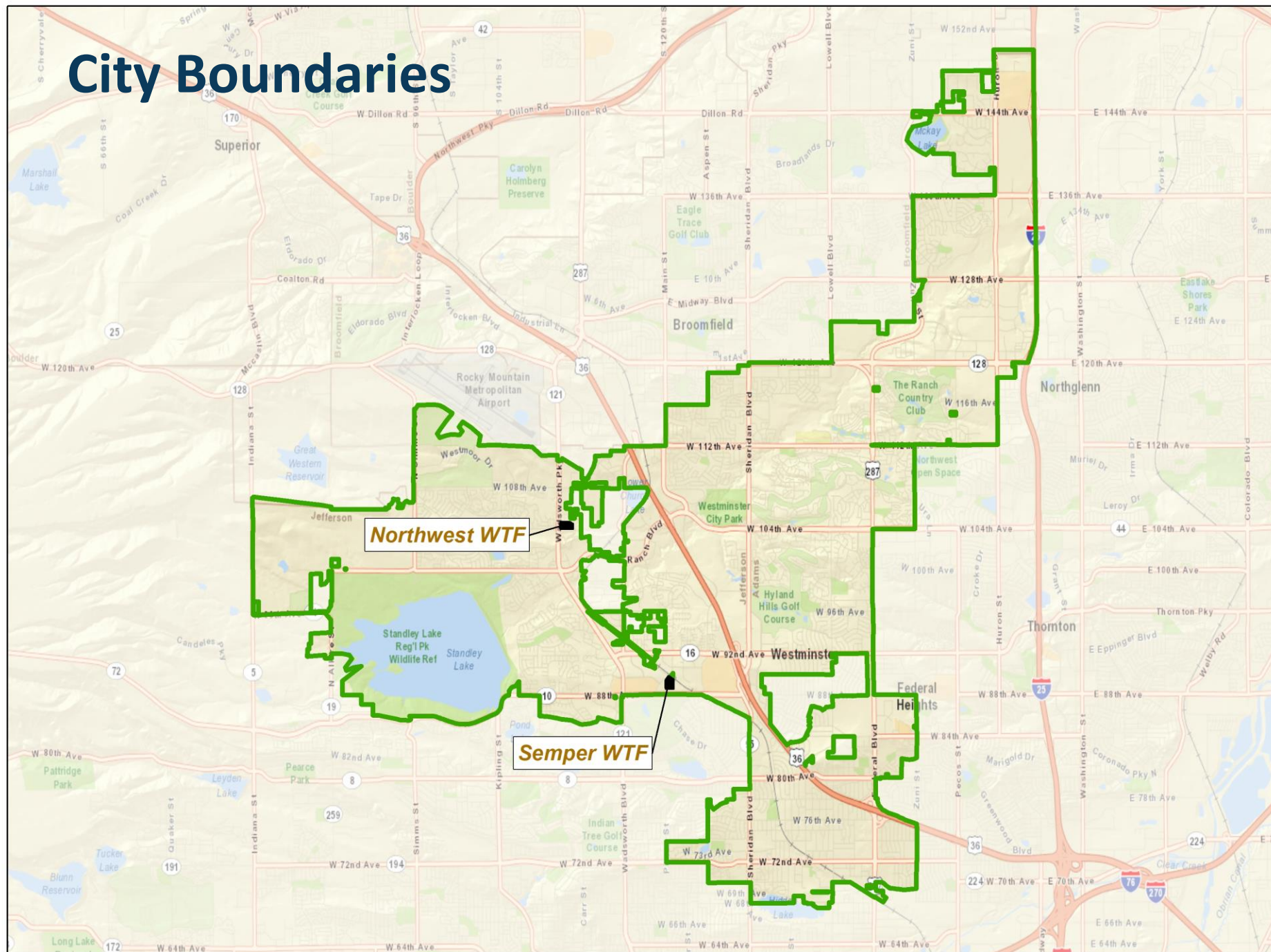
California



Image and map data: Google

Criteria Review

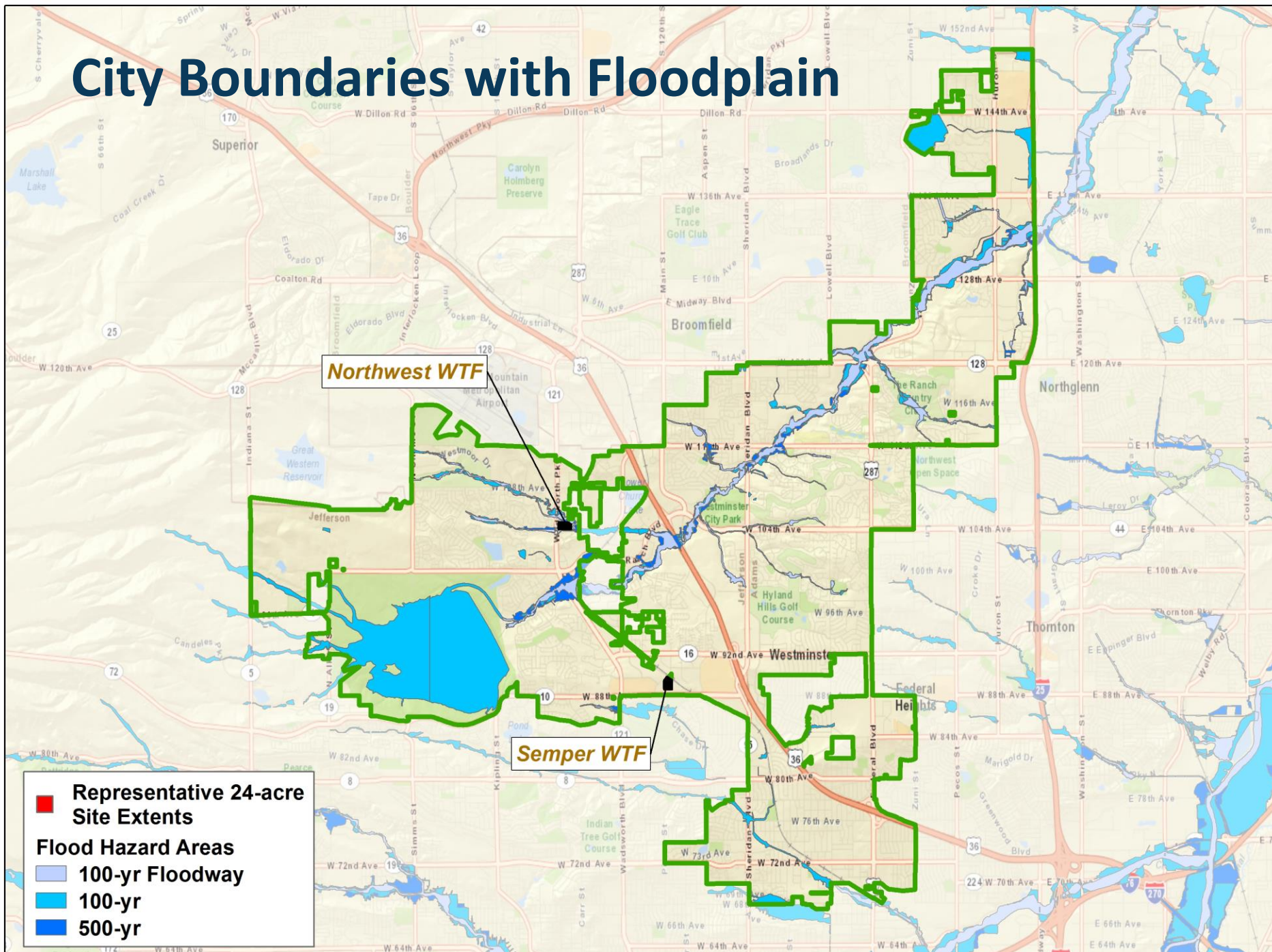
City Boundaries



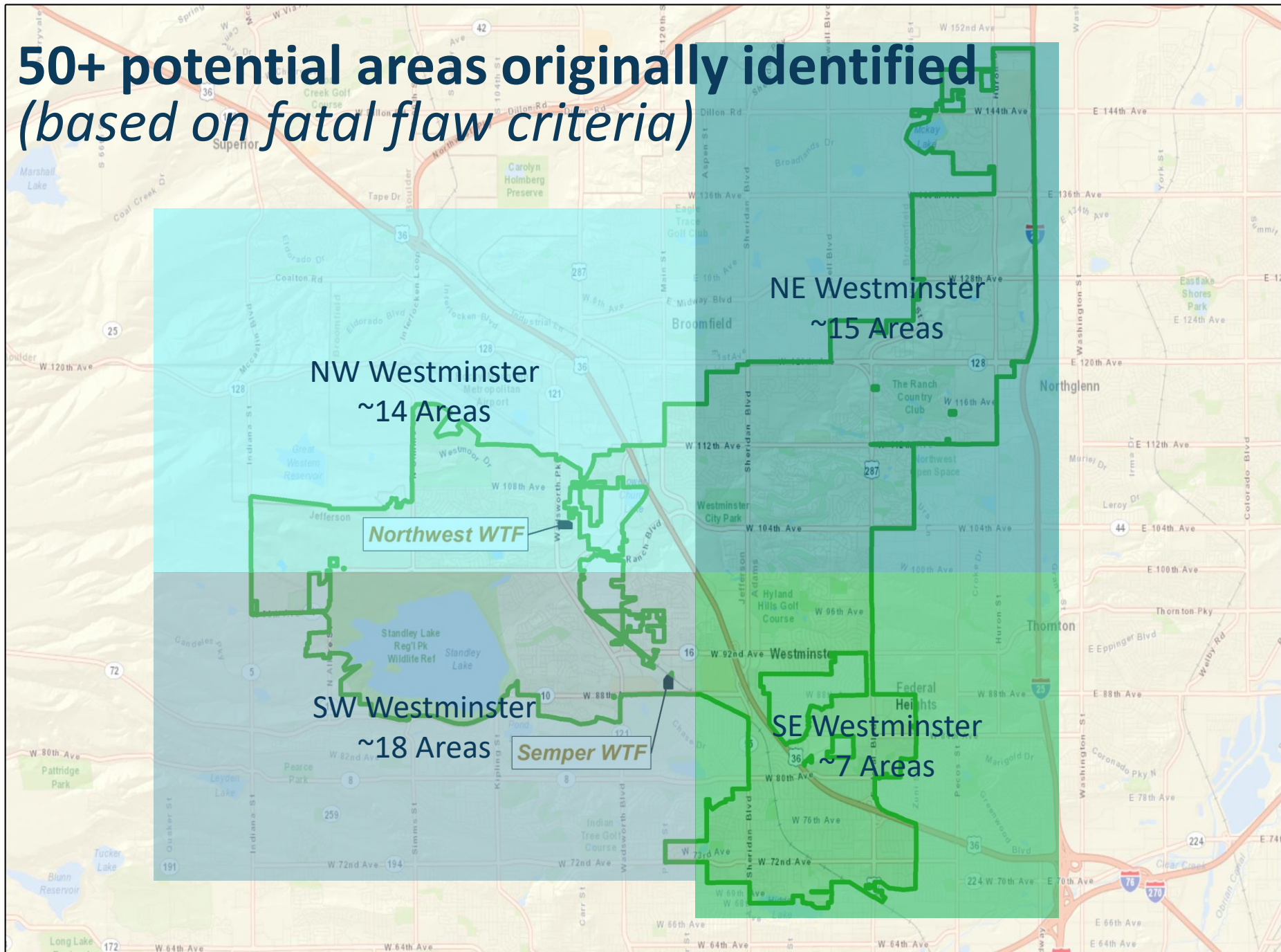
Technical Criteria

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

City Boundaries with Floodplain



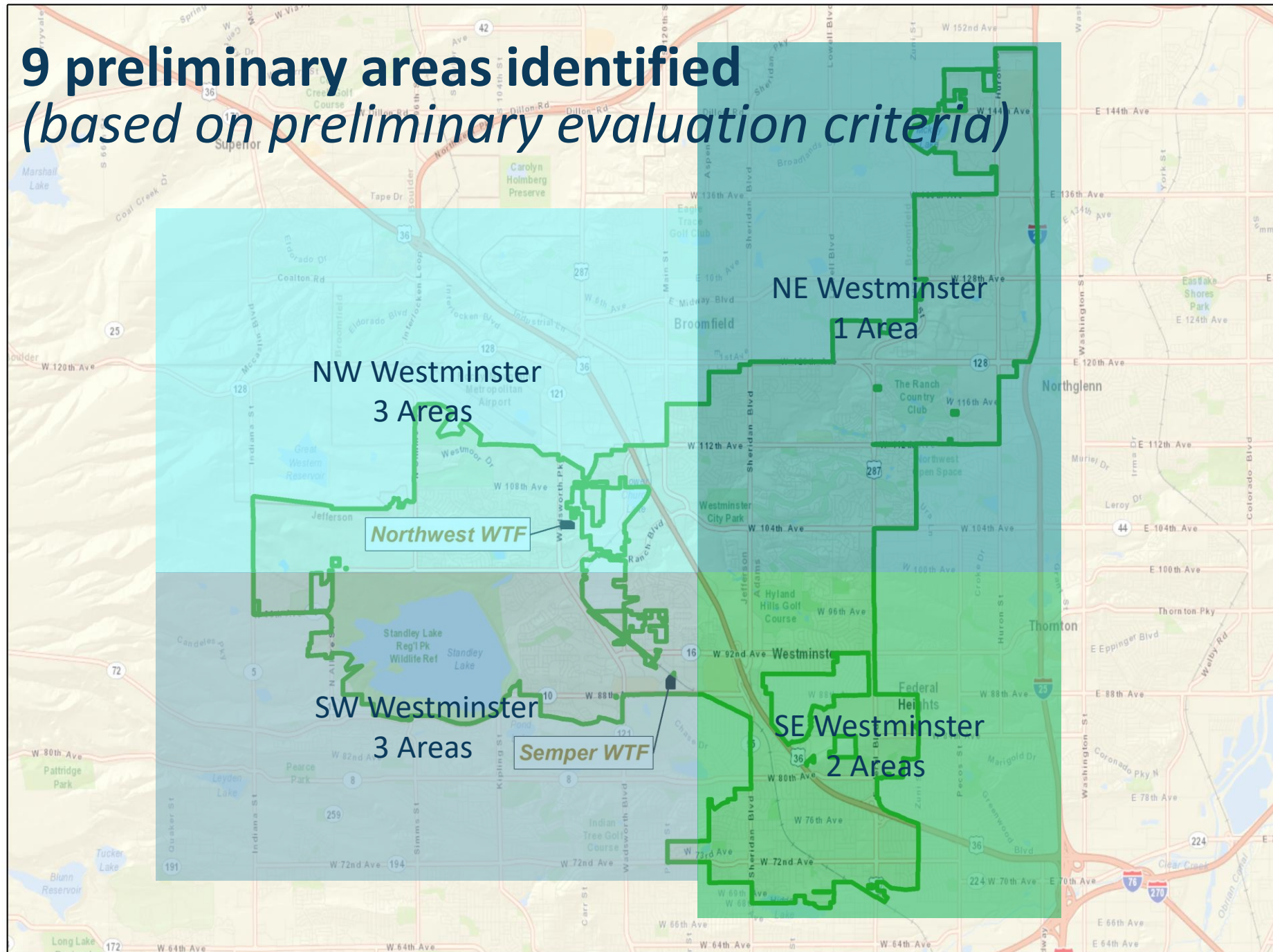
50+ potential areas originally identified (based on fatal flaw criteria)



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)

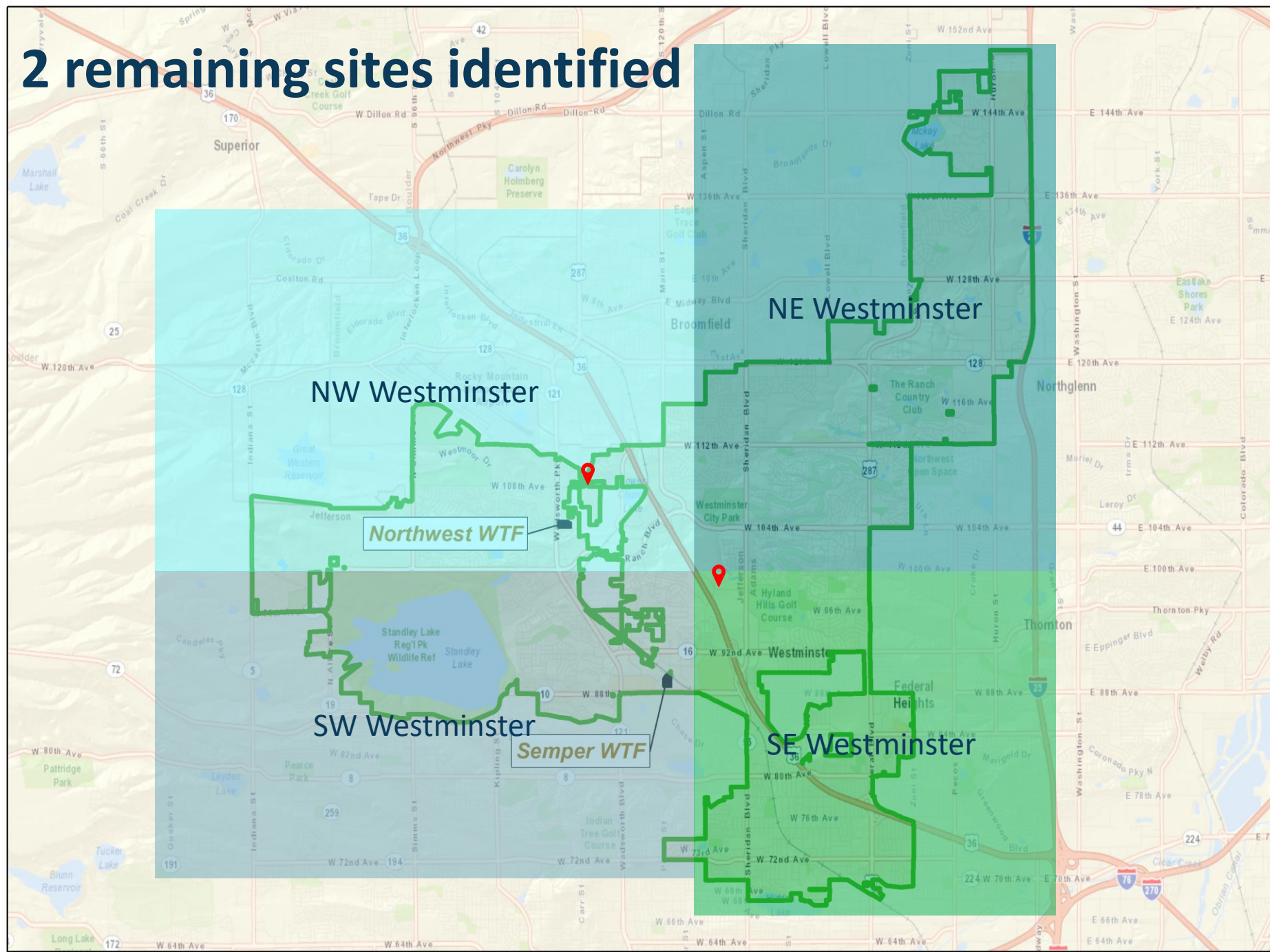


Additional Evaluation Criteria

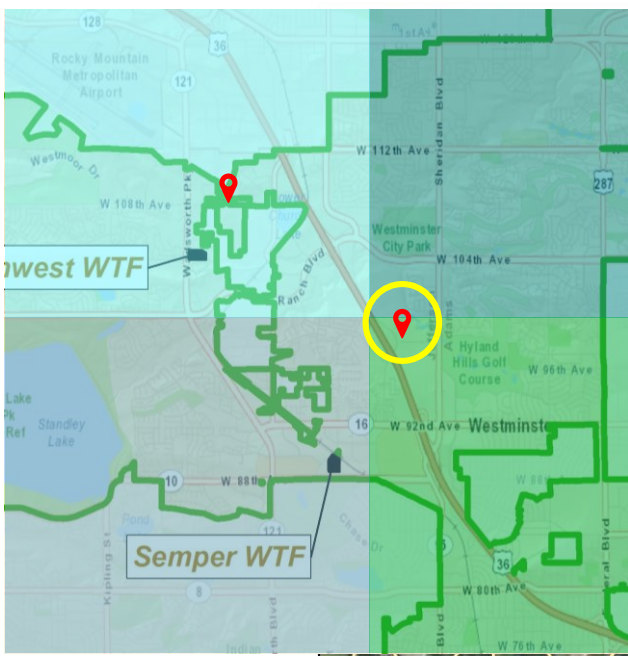
- **Engineering**
 - Schedule: Site supports project goal of being built by 2025
- **Site**
 - Security: Site requires mitigation for adjacency to railroad or highway
- **Community**
 - Compatibility: Site is compatible with surrounding existing and proposed development

Remaining Sites Review

2 remaining sites identified








Site 2350 – SE Westminster



Site 2350 – Zoning

Comprehensive Plan 2013 Legend

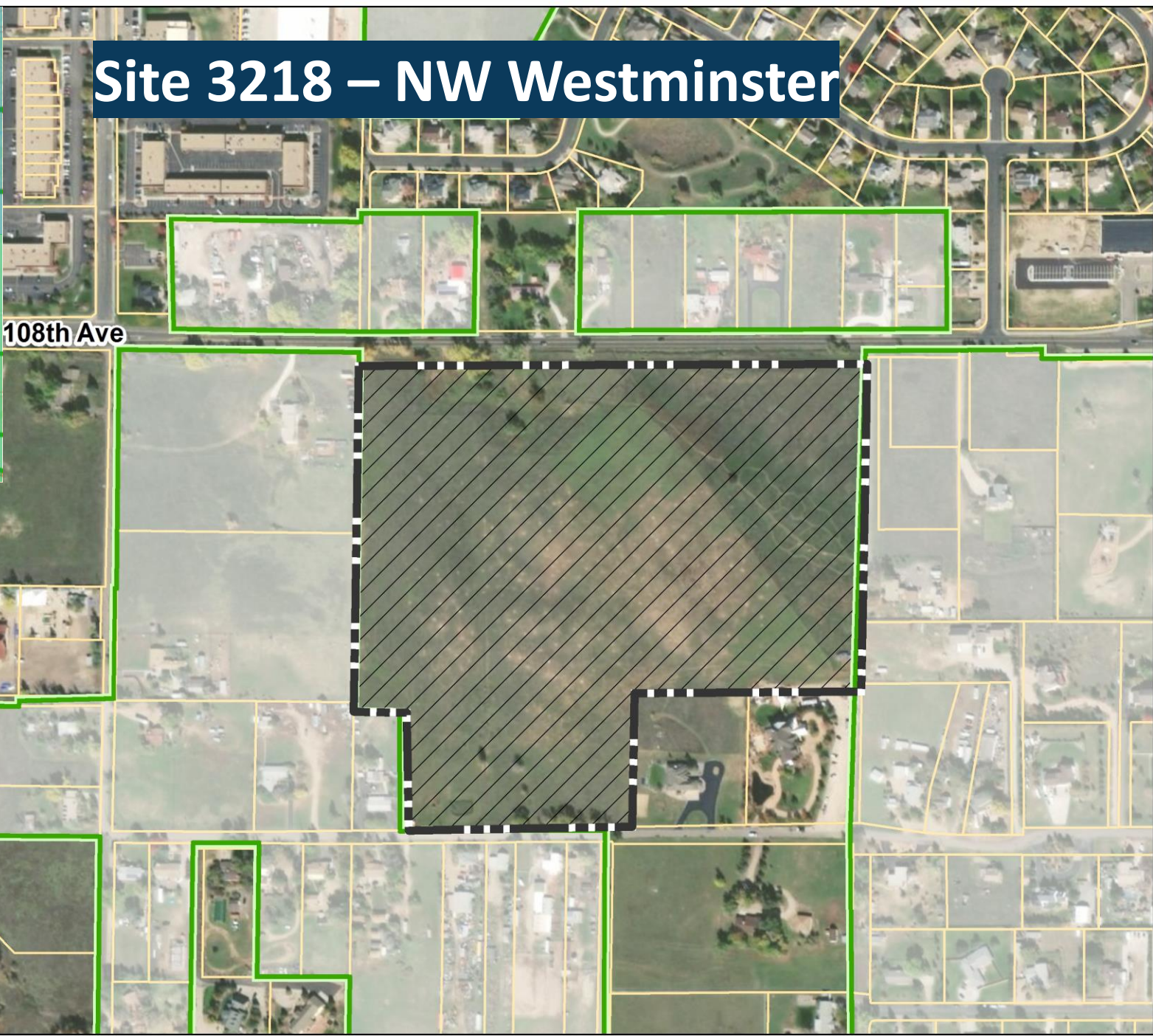
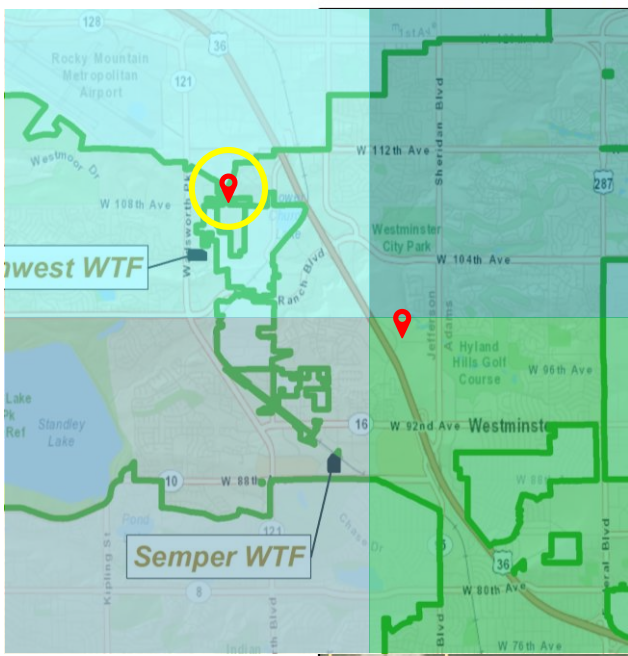
	<all other values>		
	Agricultural/Conservation Area		
	City Open Space		
	Flex/Light Industrial		
	Golf Courses		
	Major Creek Corridor		
	Mixed Use		
	Mixed Use Center		
	NE Comp LUP		
	Office		
	Office/RD High		
	Office/RD Low		
	Private Park / Private Open Space		
	Public Parks		
	Public/Quasi Public		
	R-1		R-5
	R-18		R-8
	R-2.5		Retail Commercial
	R-3.5		RxR ROW
	R-36		Service Commercial
			TMUND



Map Legend

	Potential Site
	Water Treatment Facilities
	Westminster Boundary
	36" Raw Water Pipeline to Northwest WTF
	36" Raw Water Pipeline to Semper WTF
	42" Raw Water Pipeline to Semper WTF
	Standley Lake Bypass Pipeline
	Highest Site Elevation Point
	Parcel Boundary
	NWI Wetland

Site 3218 – NW Westminster



**City
Boundaries**

Site 3218 – Zoning

Comprehensive Plan 2013 Legend

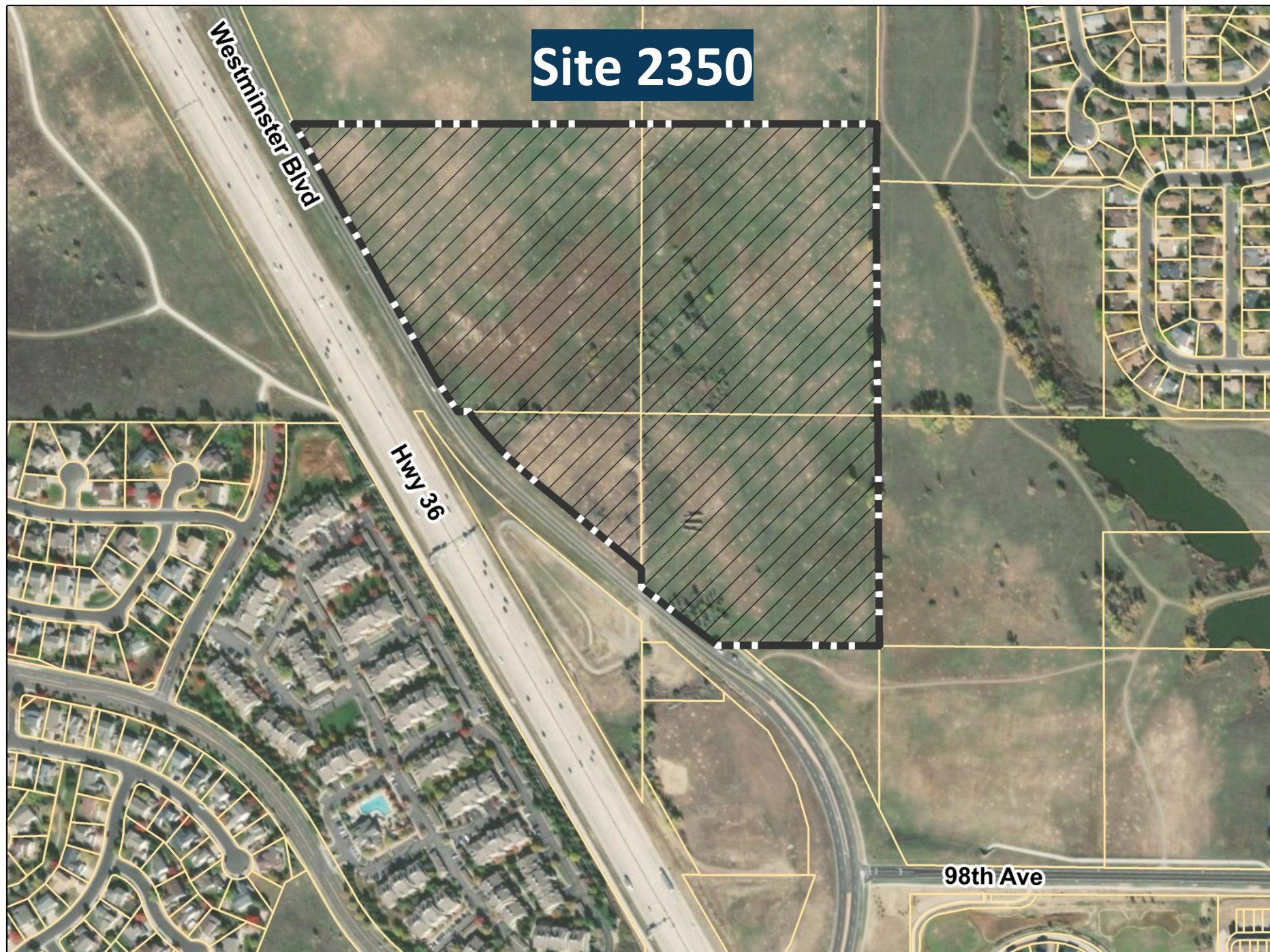
- <all other values>
- Agricultural/Conservation Area
- City Open Space
- Flex/Light Industrial
- Golf Courses
- Major Creek Corridor
- Mixed Use
- Mixed Use Center
- NE Comp LUP
- Office
- Office/RD High
- Office/RD Low
- Private Park / Private Open Space
- Public Parks
- Public/Quasi Public
- R-1
- R-5
- R-18
- R-8
- R-2.5
- Retail Commercial
- R-3.5
- RxR ROW
- R-36
- Service Commercial
- TMUND



Map Legend

- Potential Site
- Water Treatment Facilities
- Westminster Boundary
- 36" Raw Water Pipeline to Northwest WTF
- 36" Raw Water Pipeline to Semper WTF
- 42" Raw Water Pipeline to Semper WTF
- Standley Lake Bypass Pipeline
- Highest Site Elevation Point
- Parcel Boundary
- NWI Wetland

Site Characteristics Discussion



Site 2350

Benefits

- Direct site access from arterial/major collector street
- Flow by gravity to site
- Undeveloped/no existing buildings
- Large site size (~40 acres)
- Potential for multi-use trail connections

Challenges

- Greater distance from existing treatment/delivery utilities
- Property acquisition via private owner



Site 3218

Benefits

Direct site access from arterial/
major collector street

Flow by gravity to site

Undeveloped/no existing
buildings

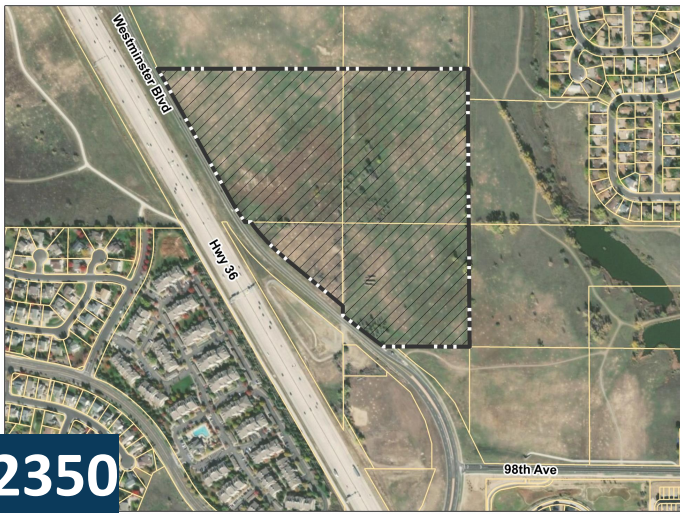
Close to existing water
treatment facility

Potential for multi-use trail
connections

Challenges

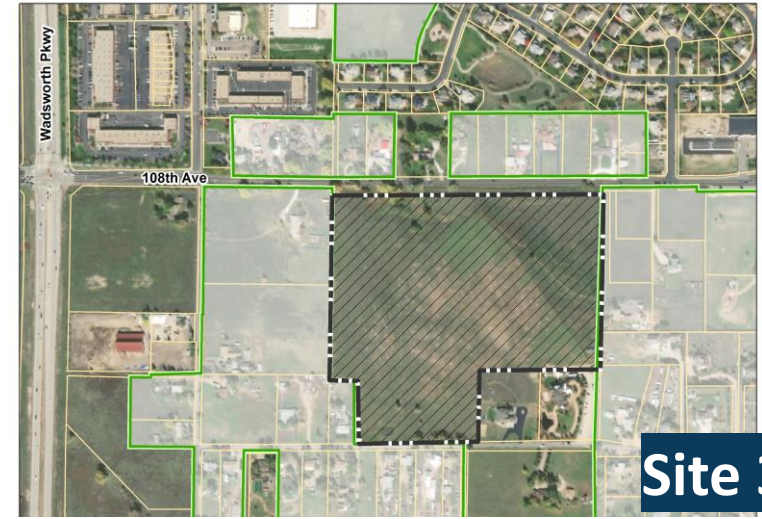
More constrained site
(~30 acres)

Property acquisition via Inter-
Governmental Agreement (IGA)



Site 2350

Key Differentiators



Site 3218

Private property	Current Land Use	Open Space (with Deed Restriction to replace comparable amount of Open Space)
Purchase at fair market value (cost to be determined)	Land Acquisition Process/Cost	Inter-Governmental Agreement for Open Space replacement (cost to be determined)
No key differentiation	Total Cost to Construct	No key differentiation
40 Acres	Site Size	30 Acres
No expansion needed	Expansion Potential	Additional property required
Potential for minimal/localized trail connections	Amenities	Opportunity to create trail system identified in Parks Master Plan

What Is Most Important?

Rank the following site characteristics in order of priority:

- Reduces energy/cost related to pumping
- Minimizes private property impacts
- Minimizes open space impacts
- Ability to expand to meet future drinking water needs
- Maximize trail connections and other community amenities

Community survey preview: www.surveymonkey.com/r/Water2025

Next Steps

Closing

- Process moving forward
 - Community feedback
 - Technical review
 - Recommended site
 - Council approval
 - Targeted outreach
- Next update/meeting date: Mid-April

Public Q&A