



**WESTMINSTER**  
**BOULEVARD DRINKING WATER PROJECT**

# Welcome

**Community Advisory Team (CAT)**

December 6, 2023



# Agenda

- 01**   **Introductions**
- 02**   **Ground Rules**
- 03**   **Expectations of Members**
- 04**   **Project Overview**
- 05**   **What to Expect**
- 06**   **What's Next**
- 07**   **Q&A**



**WESTMINSTER**  
**BOULEVARD DRINKING WATER PROJECT**

# Introductions

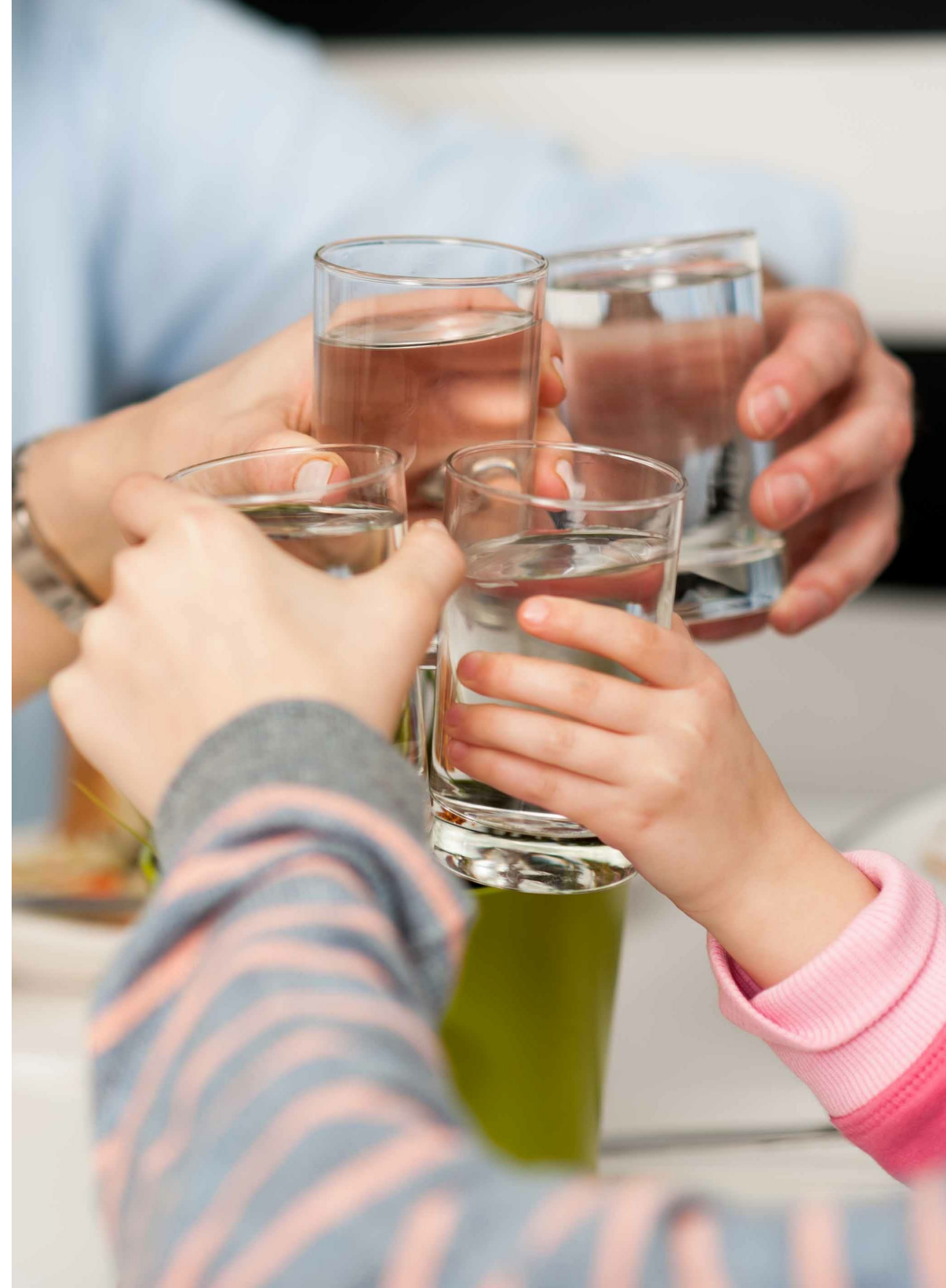
- What's your name?
- What neighborhood or organization do you represent?
- What do you hope to get out of the CAT?



# Ground Rules

It is crucial that everyone has a chance to be heard and to hear others.

- Pay attention to what is being discussed in the meeting and avoid separate conversations or distractions (phone calls, etc.).
- Allow people to speak and refrain from interrupting others.
- Be brief and speak to the point.
- Be respectful and polite.





# Ground Rules

It is important to find creative, innovative solutions.

- Avoid judging ideas prematurely and try to remain open minded.
- Look for ways to improve ideas.
- Promote positive behaviors.

# Ground Rules

Differences are inevitable; however, they should be focused on the issues involved rather than on the people holding a particular view.

- Address one another in respectful ways.
- Clearly articulate, after deliberation and when appropriate, whether a particular recommendation can be supported





# **As a Team Member You Will:**

- **Influence the development of the facility.**
- **Complement the skills of the design team.**
- **Share expertise, insights and experiences to develop a better facility.**
- **Have valuable networking opportunities.**
- **Engage in strategic dialogue and discussions to help shape the future of Westminster.**

# Expectations of Members

- Advising on matters that directly impact the community (appearance, aesthetics, and community amenities).
- Team members shall not represent or speak on behalf of the City of Westminster.
  - This includes speaking to the media or discussing confidential business matters with employees, vendors, or the public.
- Share information when asked by City staff with your community.



# Expectations of Members

- **Bring ideas and actively participate by respectfully:**
  - Providing input and knowledge toward specific topics.
  - Providing staff with feedback about the development of key aspects of the new facility.
- **Be available.**
- **Focus on the task at hand.**
- **Serve as a project partner.**

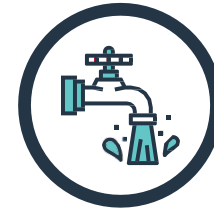


# Water in Westminster

The City of Westminster is committed to providing affordable, high-quality water services.



**9+ billion gallons of water** supplied to **33,000 homes and businesses** each year

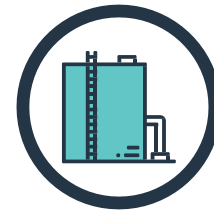


**500+ miles of existing potable water pipe.**



**Two water treatment facilities:**

- Semper Water Treatment Facility provides **75%** of the City's water.
- Northwest Water Treatment Facility provides **25%** of the City's water.



**Water storage facilities** throughout the city.

# Project Overview

The City has evaluated options for a new water treatment facility to provide the community with clean, safe, and affordable drinking water.



Built on the east side of Westminster Boulevard between 98th and 104th Avenues.



The new facility would **replace Semper** as it is phased out over the next two decades.



A new water supply line, finished waterline, sewer line, and other supporting utilities would also be installed.



# SUPPORTING UTILITIES



## Water Supply Line

A new underground water supply line to transport untreated water to the facility.



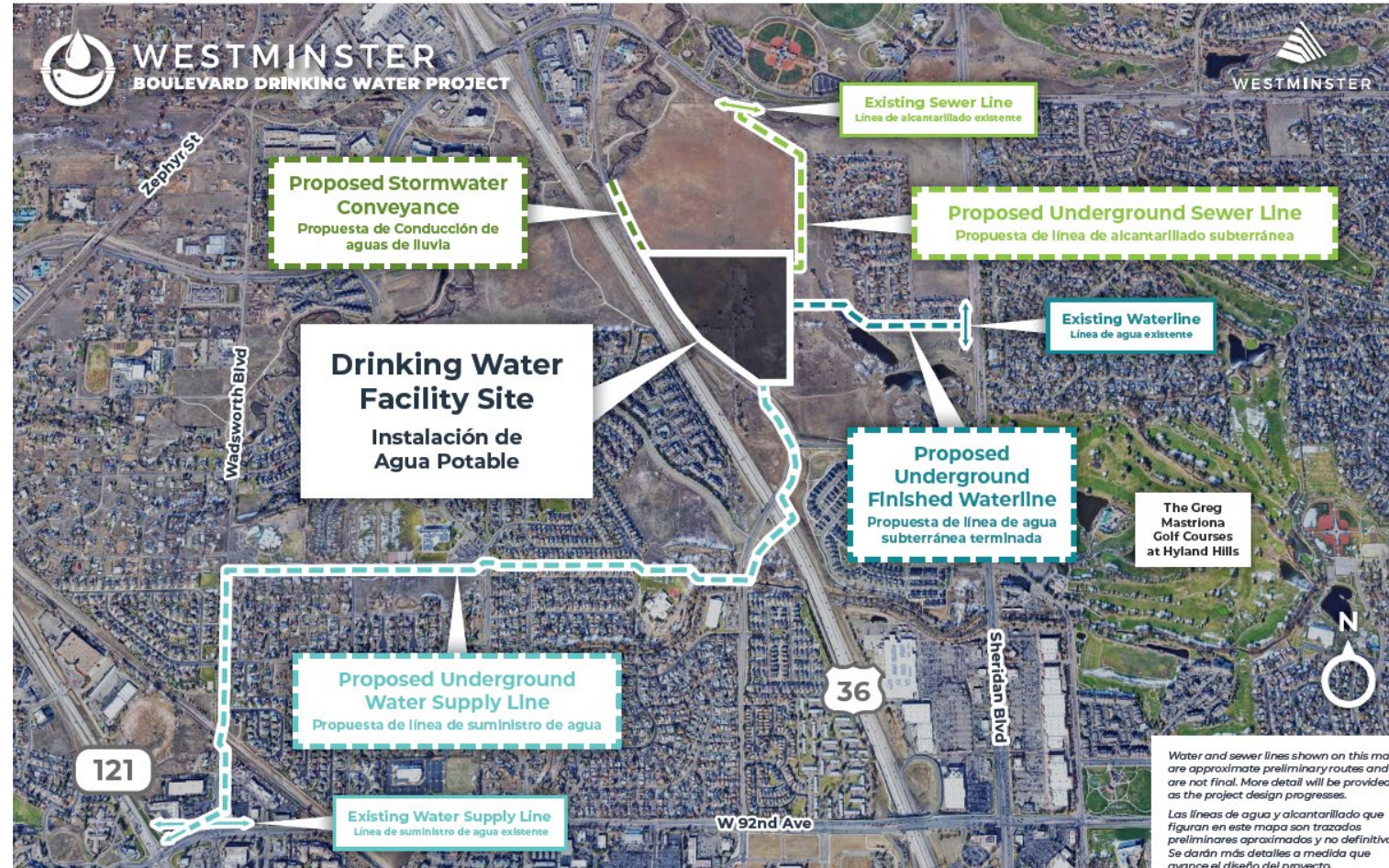
## Finished Waterline

An underground finished waterline would deliver drinking water from the facility to our community.



## Sewer Line

Underground sewer line would be installed.



# Project History



2015

Planning  
Began



2021-2023

Reevaluation



April 2023

Council  
Resolution  
Adopted



Summer 2023

Design  
Resumed



October 2023

Open House /  
Comment  
Period

# Reevaluation

Under City Council's guidance, different facility options were considered to better balance the community's need for clean, safe, and affordable water.

1

Focused on rightsizing the facility and associated infrastructure.

2

Assessed and presented alternative sites, facility concepts, and treatment capabilities.

3

Resulted in adjustment of water treatment facility capacity with a 25% reduction and a mix of treatment technologies.

4

City Council adopted Resolution 13 directing staff to pursue the design of a substantially different facility.

# What Changed?

Projected demand decreased due to the community's water conservation practices between 2015 and 2022.



**2015**

Projected buildout demand was **60 million gallons per day (MGD)**.



**2022**

Projected buildout demand showed a **25% reduction** at **45 MGD**.

As a result of this decrease:

- 1** The proposed facility decreased capacity from **30 MGD to 14.7 MGD** for the first phase of the project.
- 2** The **water supply line diameter decreased**, allowing the waterline to connect closer to the site, resulting in cost savings.
- 3** The **finished waterline diameter decreased**.

# Building Responsibly

## Why a New Facility?

The 54-year-old **Semper Water Treatment Facility** is nearing the end of its useful life and will soon be phased out. The Semper site is inadequate for upgrading the facility to meet current and anticipated regulatory needs.

**The new facility would provide an affordable solution with the flexibility to:**

- Replace aging infrastructure and expand if needed.
- Respond to future state and federal clean water regulations.
- Add treatment processes to respond to potential future wildfire or watershed contamination and emerging contaminants.



Aging Semper Water Treatment Facility



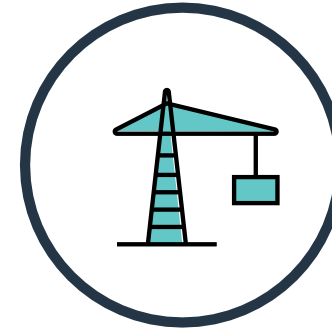
Proposed Westminster Boulevard Drinking Water Facility site



# Anticipated Schedule



Design continues  
through 2024



Construction TBD  
pending design  
milestones

*\*Schedule is based on current information and subject to change as details are further refined.*

# Source Water Quality Challenges



The City's source waters are susceptible to water quality challenges (drought, floods, and wildfires)



The City will not be able to rely on Semper to produce drinking water as consistently as Northwest if raw water conditions are challenging.

# Addresses Aging Infrastructure

50 Years Old



Many assets at or beyond predicted service life



Costly to maintain  
Vulnerable to water quality challenges



Future clean water requirements will make  
Semper more expensive to operate and maintain

# Regulatory Constraints and Reliable Drinking Water



Semper likely cannot treat the anticipated quality of source water under potential future drinking water regulatory standards.



A new facility would better meet current regulatory standards.



Semper lacks sufficient space to reliably produce and deliver drinking water when portions of the facility come due for replacement.



# What You Can Expect

- **Providing input.**
  - Input, opinions, and guidance will be considered but is not guaranteed to be included.
- Meeting no more than once a month for up to six months.
- Next meeting will likely be late February or March.
  - Are there days or times that don't work for you?
- Meetings may be canceled if there is nothing new to share.

# What's Next

- The project team is working toward 60% design of the facility and identifying areas where the community can provide feedback.
- We will contact you in February about the next meeting date.





# Q&A

 (720) 464-3435

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 [westminsterco.gov/drinkingwaterproject](http://westminsterco.gov/drinkingwaterproject)

