



CITY COUNCIL WORKSHOP

March 03, 2026 at 6:00 PM

Boardman City Hall Council Chambers

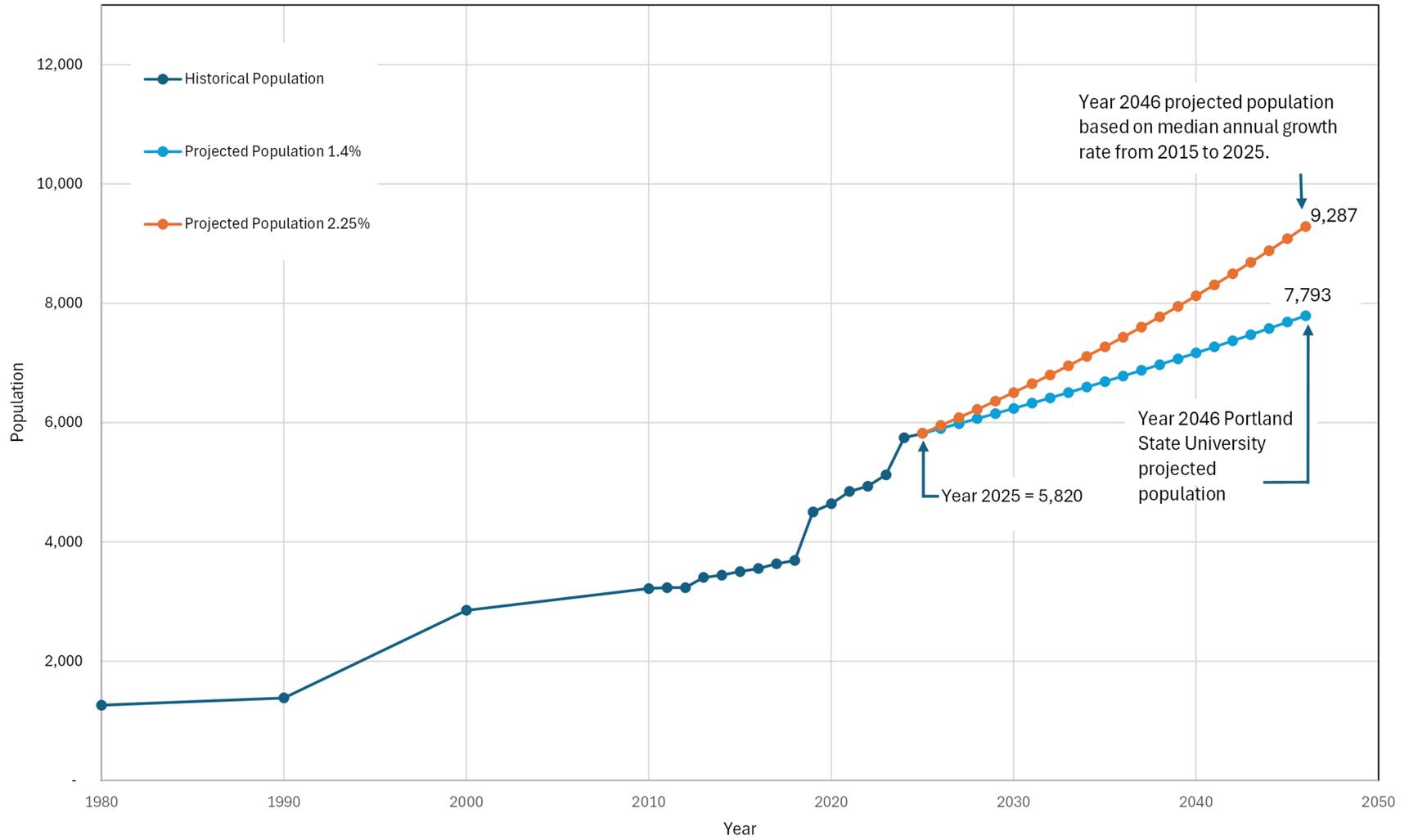
AGENDA

1. CALL TO ORDER
2. ROLL CALL/EXCUSED ABSENCES
3. REPORTS, CORRESPONDENCE, AND DISCUSSION
 - A. Water System Master Plan - Mike Lees, Anderson Perry
 - B. Water Rate - Mike Lees, Anderson Perry
4. ADJOURNMENT

Zoom Meeting Link: <https://us02web.zoom.us/j/2860039400?omn=89202237716>

This meeting is being conducted with public access in-person and virtually in accordance with Oregon Public Meeting Law. If remote access to this meeting experiences technical difficulties or is disconnected and there continues to be a quorum of the council present, the meeting will continue.

The meeting location is accessible to persons with disabilities. Upon request of an individual who is deaf or hard of hearing, accommodations such as sign language or equipment for the hearing impaired must be requested at least 48 hours prior to the meeting. To make your request, please contact the City Clerk at 541-481-9252 (voice), or by e-mail at city.clerk@cityofboardman.com.



CITY OF
BOARDMAN, OREGON
WATER SYSTEM MASTER PLAN

2046 POPULATION PROJECTION

**CITY OF BOARDMAN, OREGON
WATER SYSTEM MASTER PLAN
DESIGN CRITERIA**

	Year 2025	Year 2046
Design Population ^{1,2}	5,820	9,287
Supply		
Average City Daily Demand (gpcd)	315	315
Average City Daily Flow (gpd)	1,833,000	2,925,000
Average City Daily Flow (gpm)	1,300	2,000
Average Port of Morrow Flow ³ (gpd)	2,906,000	2,906,000
Average Port of Morrow Flow (gpm)	2,000	2,000
Average Industrial Flow ⁴ (gpd)	82,000	246,000
Average Industrial Flow (gpm)	60	180
Total Average Daily Flow (gpd)	4,821,000	6,077,000
Total Average Daily Flow (gpm)	3,400	4,200
Peak City Demand ⁵ (gpcd)	1,100	1,100
Peak City Flow (gpd)	6,402,000	10,216,000
Peak City Flow (gpm)	4,400	7,100
Peak Port of Morrow Flow (gpd)	6,029,000	6,029,000
Peak Port of Morrow Flow (gpm)	4,200	4,200
Peak Industrial Flow (gpd)	1,008,000	3,024,000
Peak Industrial Flow ⁶ (gpm)	1,400	4,200
Total Peak Daily Flow (gpd)	13,439,000	19,269,000
Total Peak Daily Flow (gpm)	10,000	15,500
Peak Hourly Flow ⁷ (gpm)	17,000	26,400
Supply Flow Available (gpm)	16,100	16,770
Fire Demand		
Residential (gpm)	1,500	1,500
Commercial/Public (gpm)	3,500	3,500
Duration (hour)	2	2
Minimum Residual Line Pressure Under Peak Demands Plus Fire Flow (psi)	20	20
Storage		
Operating Storage ⁸ (gal)	82,600	146,900
Equalization Storage ⁹ (gal)	0	1,444,500
Fire Reserve ¹⁰ (gal)	420,000	420,000
Emergency Reserve ¹¹ (gal)	4,821,000	6,077,000
Total Potential Storage Need (gal)	5,324,000	8,088,000
Total Existing Storage (gal)	1,300,000	2,300,000
Potential Storage Deficit (gal)	4,024,000	5,788,000
Potential Storage Needed if Emergency Reserve is Provided by Water Supply Sources¹² (gal)	0	0



**CITY OF
BOARDMAN, OREGON
WATER SYSTEM MASTER PLAN

DESIGN CRITERIA**

**FIGURE
2-2**

- ¹ Current population based on Portland State University's Population Research Center certified population estimates.
- ² Population projection for 2046 based on 2.25 percent annual growth rate.
- ³ Port of Morrow usage of City's water not expected to increase beyond the current level.
- ⁴ Industrial water usage expected to triple over the next 20 years.
- ⁵ Peak City flow data based on September 2022 recorded production rate.
- ⁶ Industrial usage anticipated to reach a maximum of 4,200 gpm.
- ⁷ 1.7 times peak daily flow.
- ⁸ Reservoirs currently have an operating level of 2 feet as of 2025; 2046 is assumed to be similar.
- ⁹ Difference between peak hourly flow and available supply for a 2.5-hour period.
- ¹⁰ 3,500 gpm flow for a two-hour duration.
- ¹¹ One-day supply at average daily flow demand.
- ¹² The City has multiple backup power sources, making emergency reserve supplies redundant.

gal = gallons
gpcd = gallons per capita per day
gpd = gallons per day
gpm = gallons per minute
psi = pounds per square inch



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WATER SYSTEM MASTER PLAN

DESIGN CRITERIA

FIGURE
2-2
CONT'D.

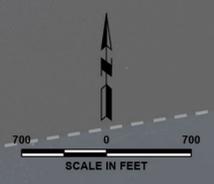
X:\Clients\Boardman OR\439-112 WSMP Update - 2026\GIS\Drafting\439-112_Figs.aprx, WSMP-439-112-FIG1-2_ExtgWSComp, 1/22/2026 10:21 AM, cglmore



CITY OF BOARDMAN, OREGON
WATER SYSTEM MASTER PLAN

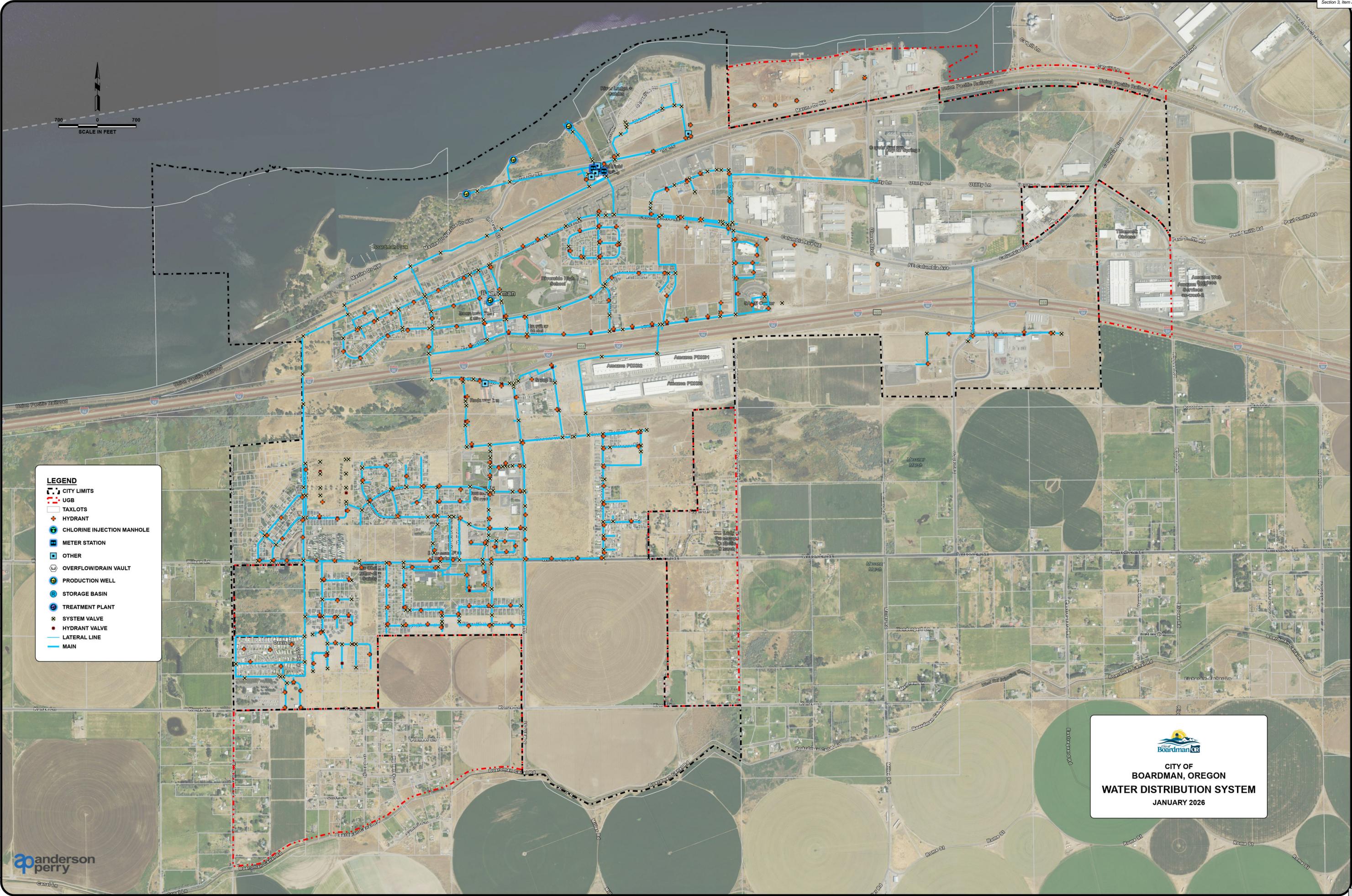
EXISTING WATER SYSTEM COMPONENTS

FIGURE 1-2



LEGEND

- CITY LIMITS
- UGB
- TAXLOTS
- HYDRANT
- CHLORINE INJECTION MANHOLE
- METER STATION
- OTHER
- OVERFLOW/DRAIN VAULT
- PRODUCTION WELL
- STORAGE BASIN
- TREATMENT PLANT
- SYSTEM VALVE
- HYDRANT VALVE
- LATERAL LINE
- MAIN



**CITY OF
BOARDMAN, OREGON**
WATER DISTRIBUTION SYSTEM
JANUARY 2026