



City of Prescott

City Council - Study Session

November 18, 2025 | 1:00 PM
201 N Montezuma Street
City Council Chambers, 1st Floor
Prescott, AZ 86301

AGENDA

The following Agenda will be considered by the **Prescott City Council** at its **Study Session** pursuant to the Prescott City Charter, Article II, Section 13. Notice of the meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02. One or more members of the Council may be attending the meeting through the use of a technological device.

This Agenda was Amended at 8:00 a.m. on Friday, November 14, 2025 To Remove Item 3.A. "Requesting the Naming of the Field at Ken Lindley Park" at the request of the applicant.

Viewing & Participation

This meeting may be viewed on Channel 64, Facebook Live or on the City's website: [City of Prescott Live Meeting Feed](#)

Public comments for Council may be submitted through the City website: [Public Comment Form](#)

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **DISCUSSION**

A. Presentation & Discussion Regarding an Update on the Draft Long-Term Water Management Plan.

4. **ADJOURNMENT**

Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, regarding any item listed on the agenda but only for the following purposes:

- (1) Discussion or consideration of personnel matters (A.R.S. §38-431.03(A)(1));
- (2) Discussion or consideration of records exempt by law (A.R.S. §38-431.03(A)(2));
- (3) Discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03(A)(3));
- (4) Discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in

settlement discussions conducted in order to avoid litigation (A.R.S. § 38-431.03(A)(4));

(5) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03(A)(5));

(6) Discussion, consultation or consideration for negotiations by the city or its designated representatives with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city (A.R.S. §38-431.03(A)(6);

(7) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03(A)(7)).

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Prescott City Hall on 11/14/25 at 8:30 a.m. in accordance with the statement filed by the Prescott City Council with the City Clerk.

Sarah M. Thornhill

Sarah M. Thornhill, City Clerk



TO: MAYOR AND CITY COUNCIL
AGENDA: November 18 Study Session
DATE: November 18, 2025
DEPT: Community Development
ITEM #: 3.A
SUBJECT: Presentation & Discussion Regarding an Update on the Draft Long-Term Water Management Plan.

ITEM SUMMARY

This item is for staff to provide an update on the Long-Term Water Management Plan process.

BACKGROUND

The last project update was provided to Council on December 10, 2024, and several plan questions were discussed including: 1) What planning horizon is the City seeking; 2) What area will the plan cover; 3) Should conservation planning contemplate efficient, cost-effective measures that could further extend current supplies, reducing capital outlay for additional supplies; 4) Does the city seek to have a lower Gallons Per Capita per Day (GPCD) than is required by the Arizona Department of Water Resources (ADWR); 5) Is aquifer overdraft to be addressed according to or beyond ADWR statutes and rules; 6) How will Council remain active during the development of the plan; and 7) How does the Council envision community involvement and outreach on this plan?

Since that time, updates were provided at the Council Subcommittee for Water Issues on April 1, 2025, July 1, 2025, and September 2, 2025. Since July 2025, public information has been available on the City's website at <https://prescott-az.gov/water-resource-mgmt/long-term-water-management-plan/> and the City's Participate Prescott website at <https://participateprescott.com/long-term-water-management-plan>

Today's presentation will provide the project's status and focus on the results of the data compiled to date.

FINANCIAL IMPACT

Funds in the amount of \$80,000 have been identified, \$40,000 in a Bureau of Reclamation grant with a \$40,000 match of City funds from the FY25 budget. In the FY26 Water Budget, additional funds have been approved in the amount of \$250,000.

RECOMMENDED ACTION

This item is for discussion only. No formal action will be taken.

ATTACHMENTS

1. Draft Long Term Water Management Plan Presentation

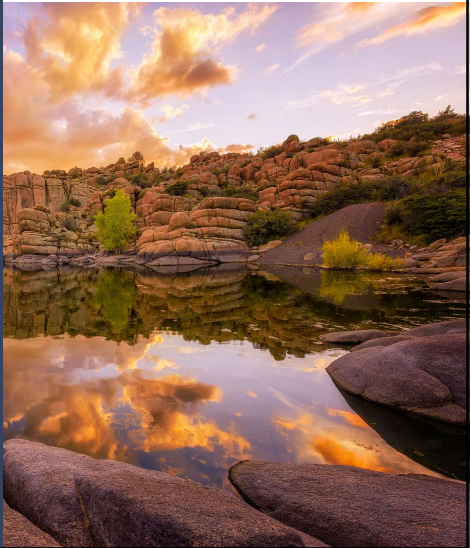


Council Study Session

November 18, 2025

LESLIE GRASER,
WATER RESOURCES PROJECT MANAGER

Long-Term Water
Management Plan
Project Update



1



Agenda

- **Project Framework**
- **Regulatory Analysis**
- **Demand and Supply Analyses**
- **Additional Demands (Obligations)**
- **Forthcoming Work**


2

2



Our Consulting Team



Herb Dishlip Consulting
Herb Dishlip



Carollo Engineering
Subject to contract execution



Matrix New World Engineering
Subject to contract execution

3

3

Core Technical Team

Gwen Rowitsch (Team Leader)

Chelsea Walton

Brian Ruiz

Steve Olfers

Council Subcommittee for Water Issues

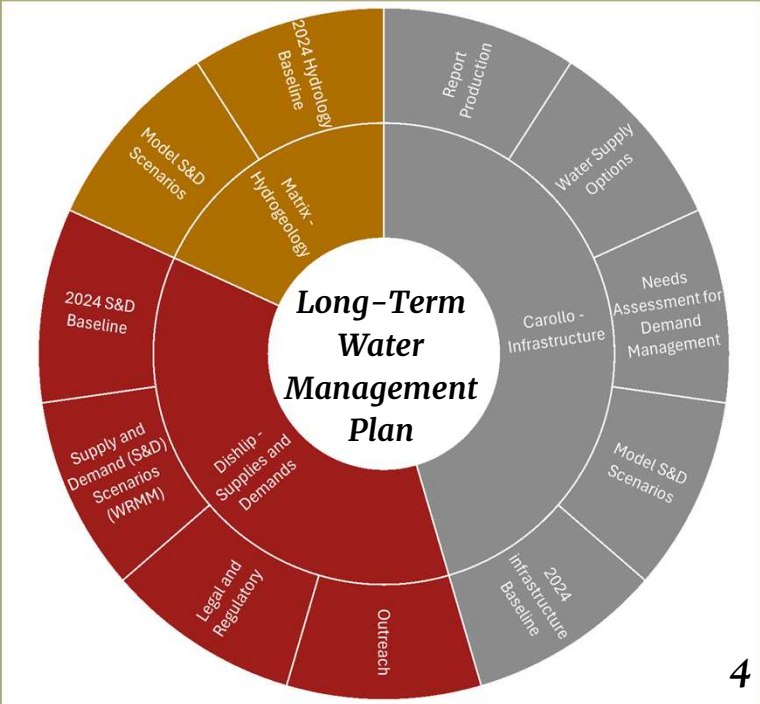
City Supporting Departments

Community Development

Economic Development

GIS

Public Works



Long-Term Water Management Plan

4

4

Plan Goals for the Remainder of 2025



5

Plan Timeline

Based on the City's awarded Bureau of Reclamation grant



6

The Big Questions

Do we have enough water?

When will we run out of water?

What do we need to do to make sure we always have water?

First Steps

- Determine all City commitments for water (baselines)
- Determine how our City will grow (projected demands)
- Determine what our City will need (projected usage)
- Determine how the aquifer will react (hydrogeology)
- Determine how we can use our water as efficiently as possible (demand management)

10.6 Water Resources Goals and Strategies

Goal 1-Strategy 1.1 Develop a Long-term Water Management Plan

- Prescott General Plan Adopted 4/14/2015

EVERY GREAT ACHIEVEMENT
BEGINS WITH FIRST STEPS

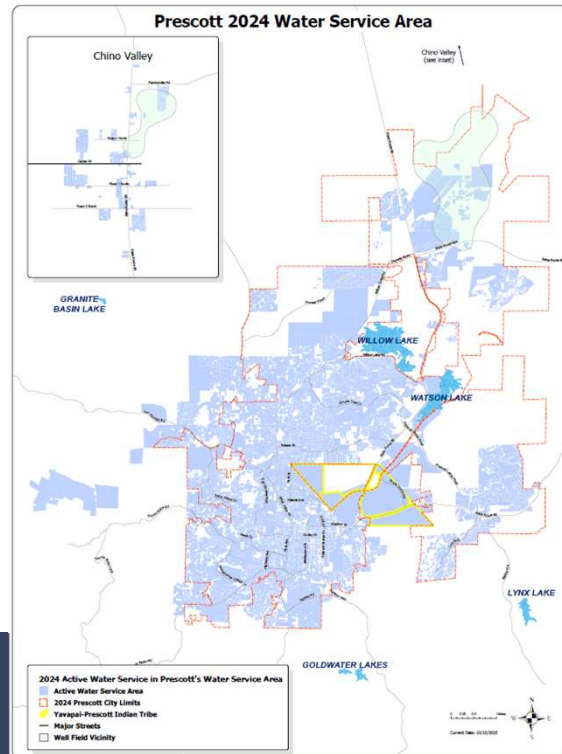


Legal Analysis: Regulatory Environment

Federal		
Safe Drinking Water Act	America's Drinking Water Act	Groundwater Rule
Stage 2 Disinfection Byproducts Rule	Arsenic Rule, Lead and Copper Rule, Radionuclides Rule, Revised Total Coliform Rule	
PFAS Rule	Clean Water Act	Federal Settlement (1)
State – ADWR and ADEQ		
Service Area Right (1) plus water delivery to others (2)	Community Water System (1)	SOC (33)
Registered Wells (110+)	GW Transport Authority (1)	SW Certificates (42)
DAWS (1)	Recharge Facility (1), Water Storage (2), Recovery (2), LTSA (2)	
Jurisdictional Dams (4)	IGFRs (29)	Turf Facility (1) plus water delivery to others (2)
AMA Management Plans		
Multi-Sector General Permit and Stormwater Pollution Prevention Plan	Aquifer Protection Permit (3)	AZ Pollution Discharge Elimination System
City		
Charter	Code (adopted by ordinance)	Policies (adopted by resolution)
Water Contracts 1944 – present (720)	Uncontracted water obligations 2019 -present (TBD)	General Plan

Service Area

The Arizona Revised Statutes (A.R.S. § 45-402.31) defines the term service area as: "the area of land actually being served water for non-irrigation use by a city, town or private water company plus additions to such area which contain an operating distribution system owned by the city, town or private water company primarily for the delivery of water for a non-irrigation use."



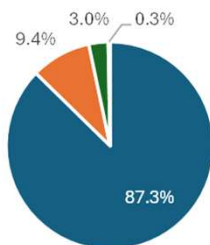
9

9

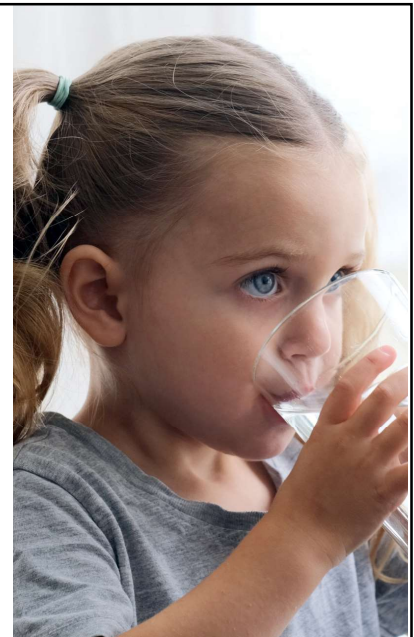
Demand Analysis: Potable Accounts

Potable System Active Accounts Accounts in 2024				
	# of Accounts	Volume Delivered (AF)	Average per Account (AF)	Median Per Account (AF)
Prescott within City Limits	22332	5789	0.259	0.139
Unincorporated Yavapai County	2399	551	0.230	0.116
Chino Valley within Town Limits	763	171	0.224	0.164
YPIT Reservation Boundaries	79	105	1.328	0.107
Total	25573	6616	0.259	0.138

Potable Service Area
% of Accounts by Jurisdiction



- Prescott within City Limits
- Chino Valley within Town Limits
- Unincorporated Yavapai County
- YPIT Reservation Boundaries



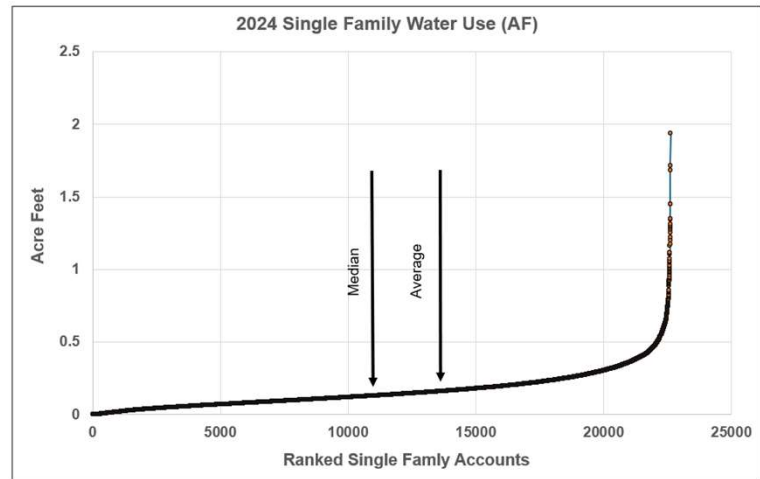
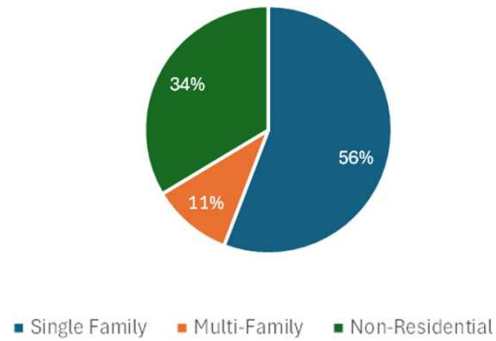
CITY OF PRESCOTT
ARIZONA

10

10

Demand Analysis: Potable Demands, SFR

Potable Service Area
Volume % of Total By Use Category



11

Demand Analysis: Potable, MFR

Multi-Family Accounts and Housing Units in 2024

	# of Accounts	# of Housing Units	Volume Delivered (AF)	Average per Account (AF)	Average per Unit (AF)
Prescott within City Limits	786	7014	613.21	1.552	0.087
Unincorporated Yavapai County	15	476	55.02	3.668	0.116
Chino Valley within Town Limits	1	32	5.01	5.013	0.157
YPIT Reservation Boundaries	2	77	32.19	16.094	0.418
Total	804	7599	705.43	0.877	0.092

12

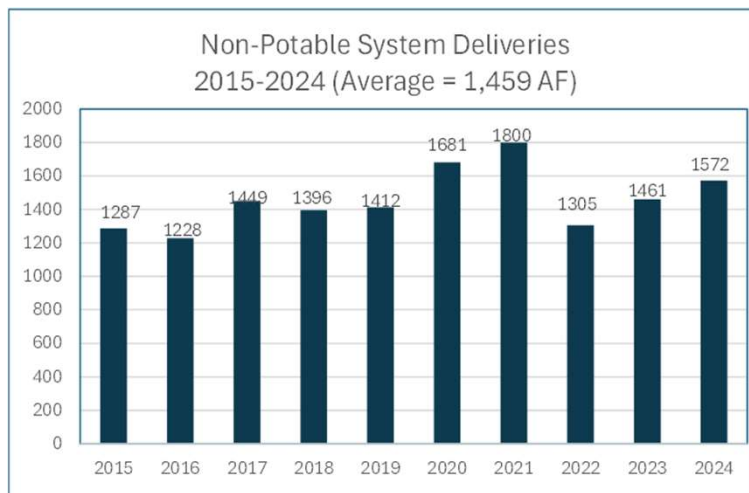
Demand Analysis: Potable, NR

All Non Residential	Count	AF Volume
Airport	41	7.38
Camps	4	20.60
Construction	54	83.12
Education	52	119.28
Industrial - Manufacturing (Large)	2	197.75
Industrial - Manufacturing (Small)	20	24.98
Industrial - Warehouse	99	43.82
Irrigation (IR)	354	284.66
Irrigation Large (IL)	30	163.11
Mixed Use	133	75.51
Services - Car Wash	7	43.56
Services - Entertainment	13	11.64
Services - Food or drink	83	102.20
Services - Grocery	21	29.24

Services - Group Living/Care Facilities	22	92.65
Services - Laundromat	4	14.38
Services - Lodging	44	142.45
Services - Medical	130	193.02
Services - Other	537	170.70
Services - Public	57	144.11
Services - Retail	266	246.40
Services - Worship/Church	55	22.85
Vacant Land	10	1.41
Water Hauler Station	1	11.76
Water Production and Fire	1	58.92
Total	2040	2305.52

13

Demand Analysis: Non-Potable

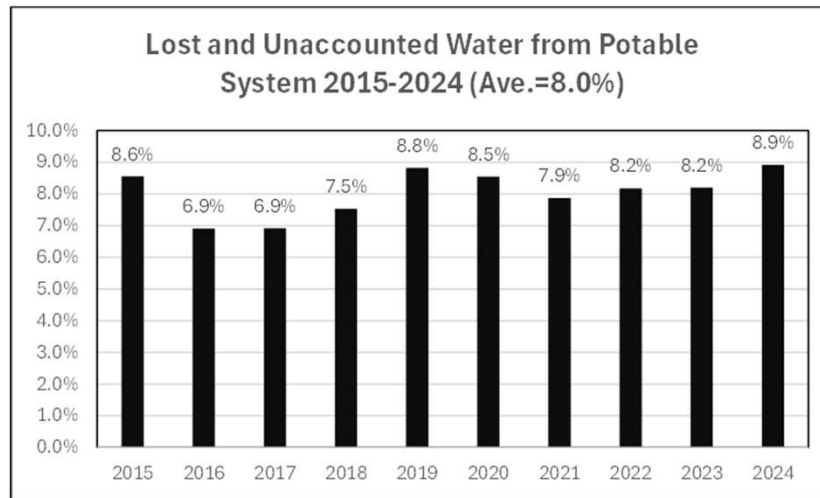


Non-Potable Customers

- Antelope Hills Golf Course
- Prescott Lakes Golf Course
- Capital Canyon Golf Course
- Marietta (sand and gravel)

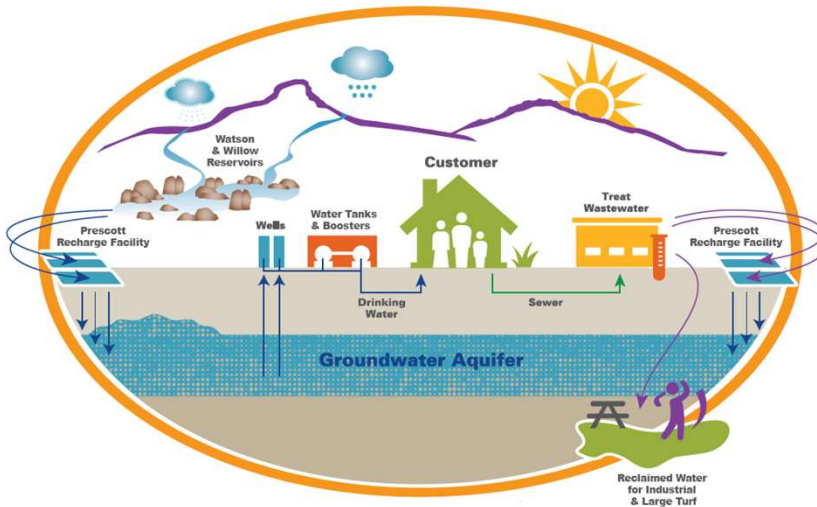
14

Demand Analysis: Potable Lost and Unaccounted



15

Supply Analysis



Groundwater

Reclaimed Water

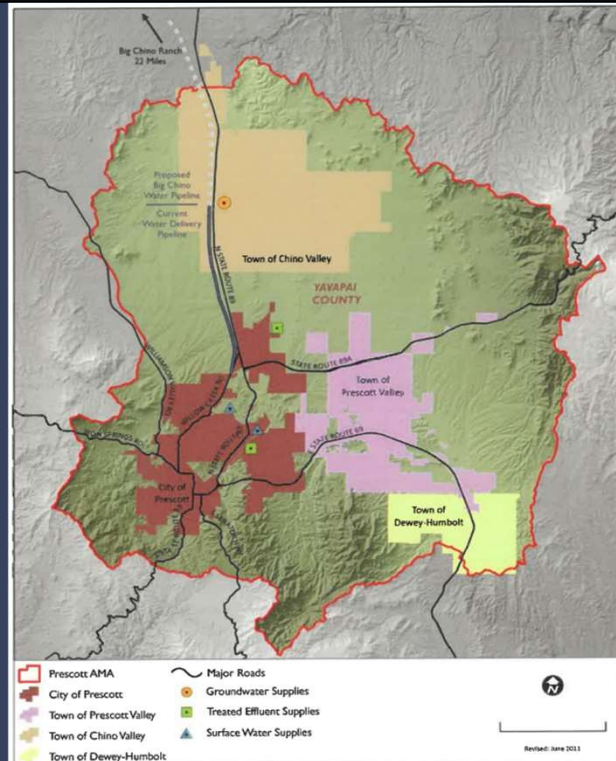
Surface Water

16

16

Supply setting: Prescott AMA

- Regulatory Environment
- Sole Source Aquifer
- Multiple Water Providers and Private Wells

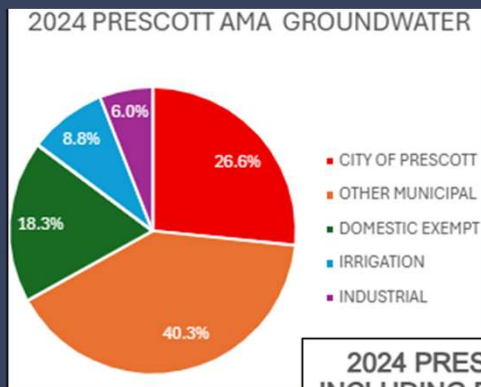


17

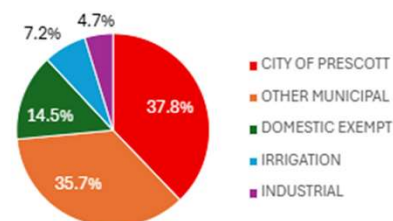
17

Supply Analysis: Prescott AMA

When we look at Prescott's pumping that legally is classified as groundwater (not recovered SW or RW), the upper pie chart shows how the City compares to others that pump groundwater in the AMA. The lower pie chart shows total pumping by all users.



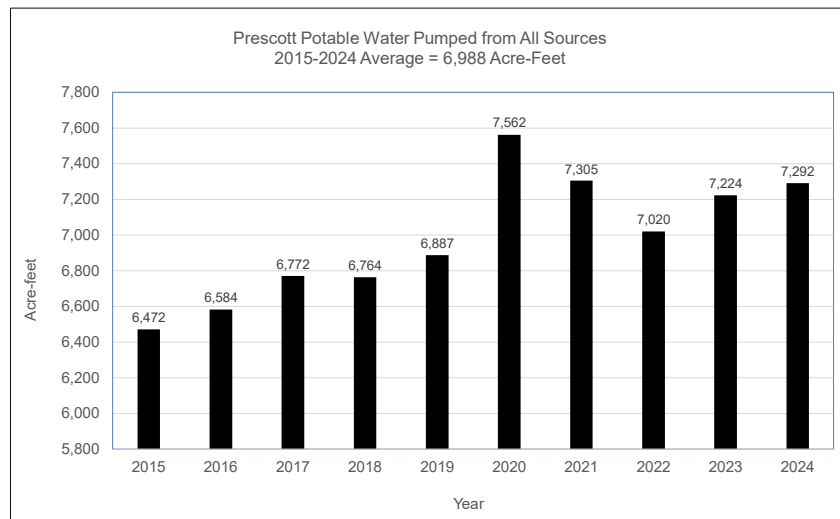
2024 PRESCOTT AMA TOTAL PUMPING INCLUDING RECOVERED SURFACE WATER AND EFFLUENT AND DIRECT DELIVERY EFFLUENT



18

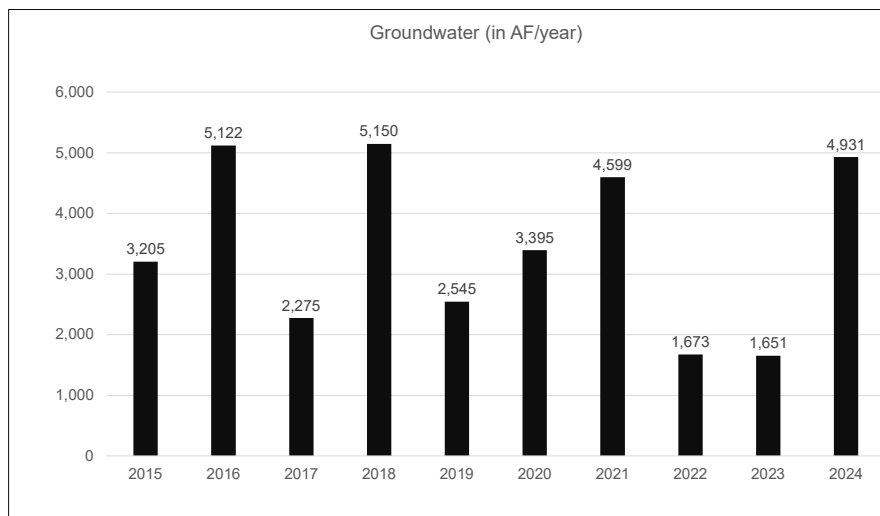
18

Supply Analysis: Total Potable Withdrawals



19

Supply Analysis: Groundwater (AF)



20

Supply Analysis: Reclaimed Water

Year	Wastewater Inflow	Potable Demand	% Return Flow
2015	4,432.78	6471.90	68%
2016	4,380.67	6583.51	67%
2017	4,764.72	6771.51	70%
2018	4,740.43	6763.75	70%
2019	4,782.91	6887.25	69%
2020	4,284.17	7562.07	57%
2021	4,635.52	7304.85	63%
2022	4,993.13	7020.02	71%
2023	5,956.08	7224.00	82%
2024	4,675.84	7291.75	64%
Average			68%

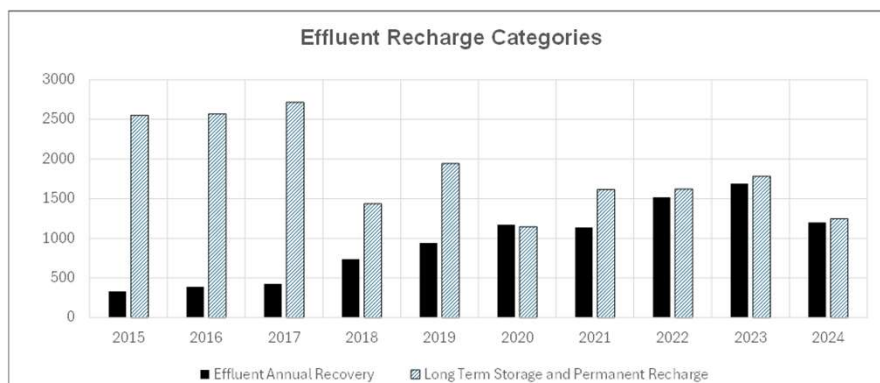
Note: March 2023 was a year with higher than normal I&I into the sewer system



21

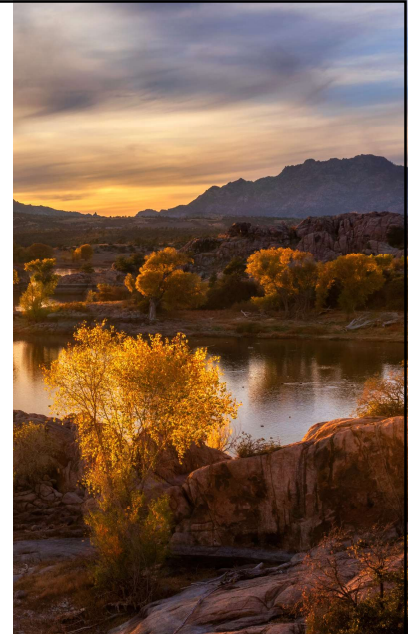
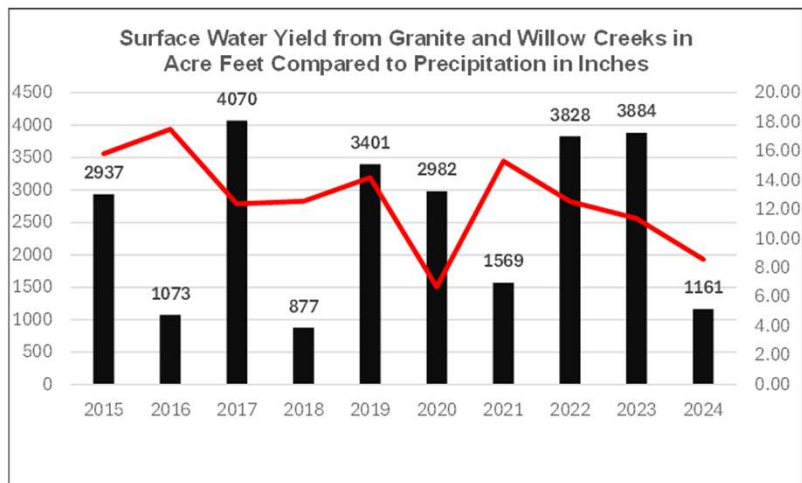
Supply Analysis: Reclaimed Water Use

- Non-potable deliveries (see slide 14)
- Recharge (see below)



22

Supply Analysis: Surface Water



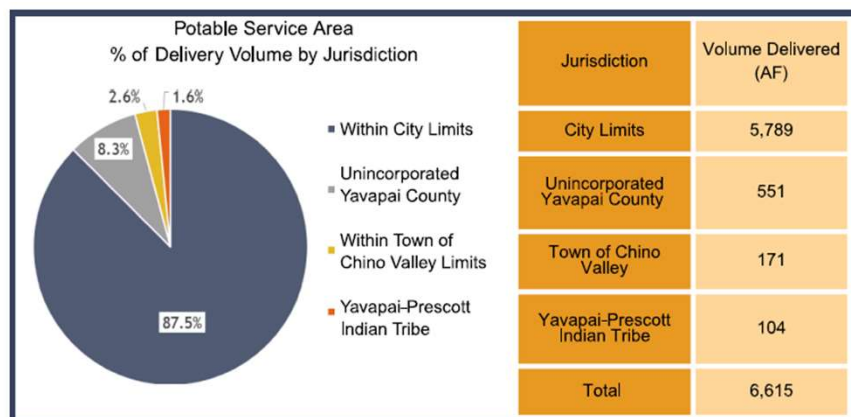
“A right to store 4,600 AF in Watson Lake and 5,980 AF in Willow Lake for a total combined storage right of 10,580 AF with the right to continuously fill and refill these lakes.” (ADWR No. ST-98-001)

23

23

In-Progress Analysis: City Water Obligations

What contracts has the City entered into to serve beyond what has been shown in the 2024 Baseline Demand Analysis?



What additional demands can be anticipated beyond what is identified in the above contracts?

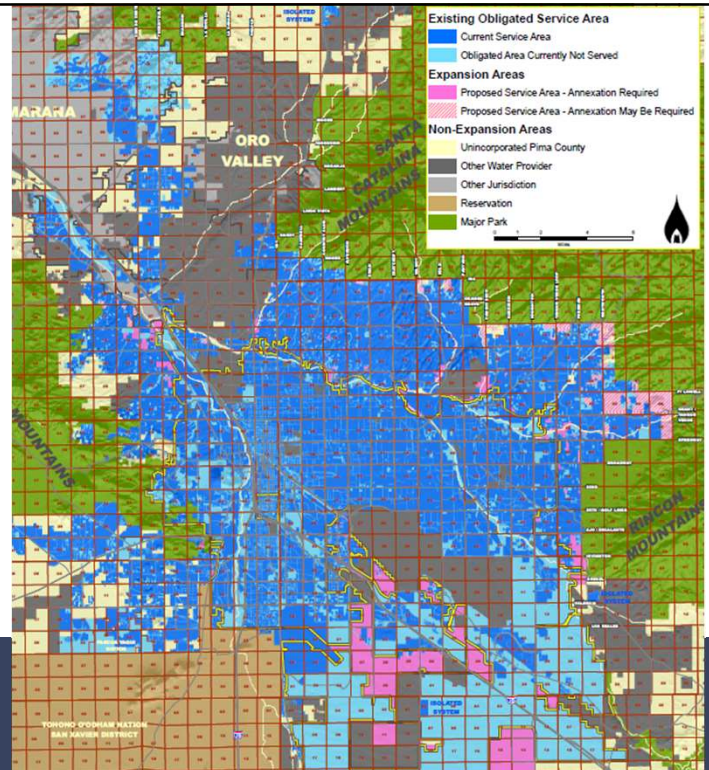
Future considerations

- Connecting small private water companies within the City's service area?
- Connecting neighborhoods on private wells that are having supply or quality issues?
- Annexing additional lands that the City decides to serve?

24

Water Obligations

Example: City of Tucson



25

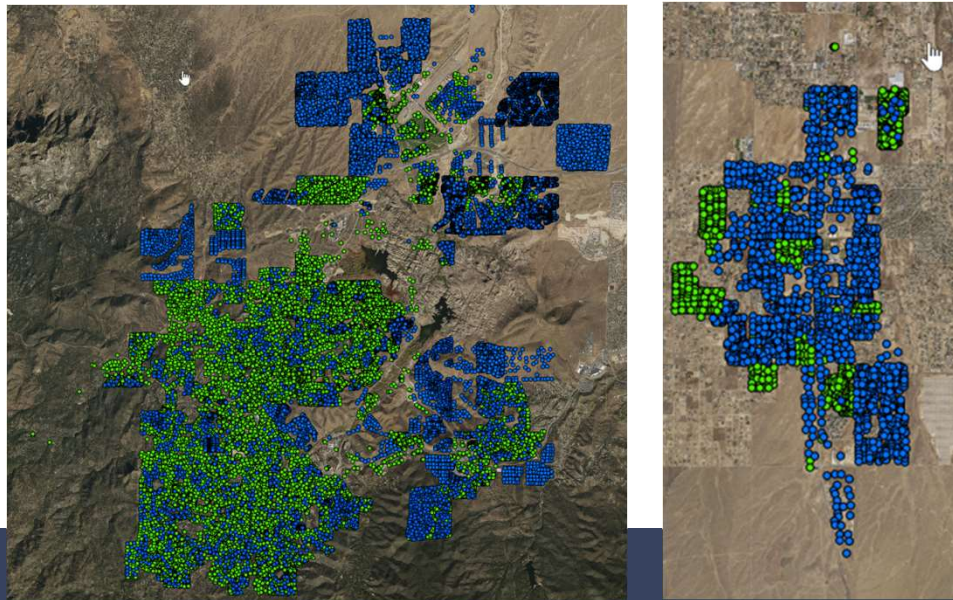
25

In-Progress Analysis: City Water Obligations

2024 Baseline water accounts are shown as **GREEN** points (current customers), additional growth associated with known contract obligations are shown as **BLUE** points.

Left panel: City of Prescott and portions of Unincorporated Yavapai County

Right panel: portions of the Town of Chino Valley



26

26

Forthcoming Aspects of the Project



Outreach

- Outreach to various City Departments
- Milestone outreach to public/interested customers
- Expanded public communications

Scenario Development

- Baseline with all known obligations
- Scenario 1
- Scenario 2

Infrastructure Analysis

- 2024 infrastructure baseline
- Modeling of scenarios for infrastructure assessments
- Demand management strategies for both potable and non-potable systems, and for both the customer and system
- Basic assessment for additional water supplies

Aquifer Analysis

- 2024 Baseline aquifer conditions
- Modeling of scenarios for aquifer assessments

Report

- Revising Outline
- Compiling text and figures
- Preparing Technical Memos

27

27



*Thank you for your time today,
Questions?*

28