# Metro District Roads, Water Forum & Resident Update




September 22, 2026

# Introductions

## Board of Directors



Rick Huser
(Chair)



Michael Lanam
(Treasurer)



Tad Walden
(Secretary)



David King
(Director)



Cassie Vetter
(Director)

## Metro District Staff

- Joshua Shackelford
  (District Manager)
- Sue Mantz
  (Administrative & Benefits Manager)
- Amber Lindberg
  (Finance Manager)
- Jason LeTellier
  (Operations Manager)
- Evan Person
  (Capital Program Manager)
- Nicole Koehn
  (Executive Assistant)

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Zoom Attendees Can Text Question to:
303-521-4702

# Roadways: What We've Done

- **$17.9 million** invested in roadway improvements in The Village since 2021.
- **90% of road segments** have been improved since 2021.

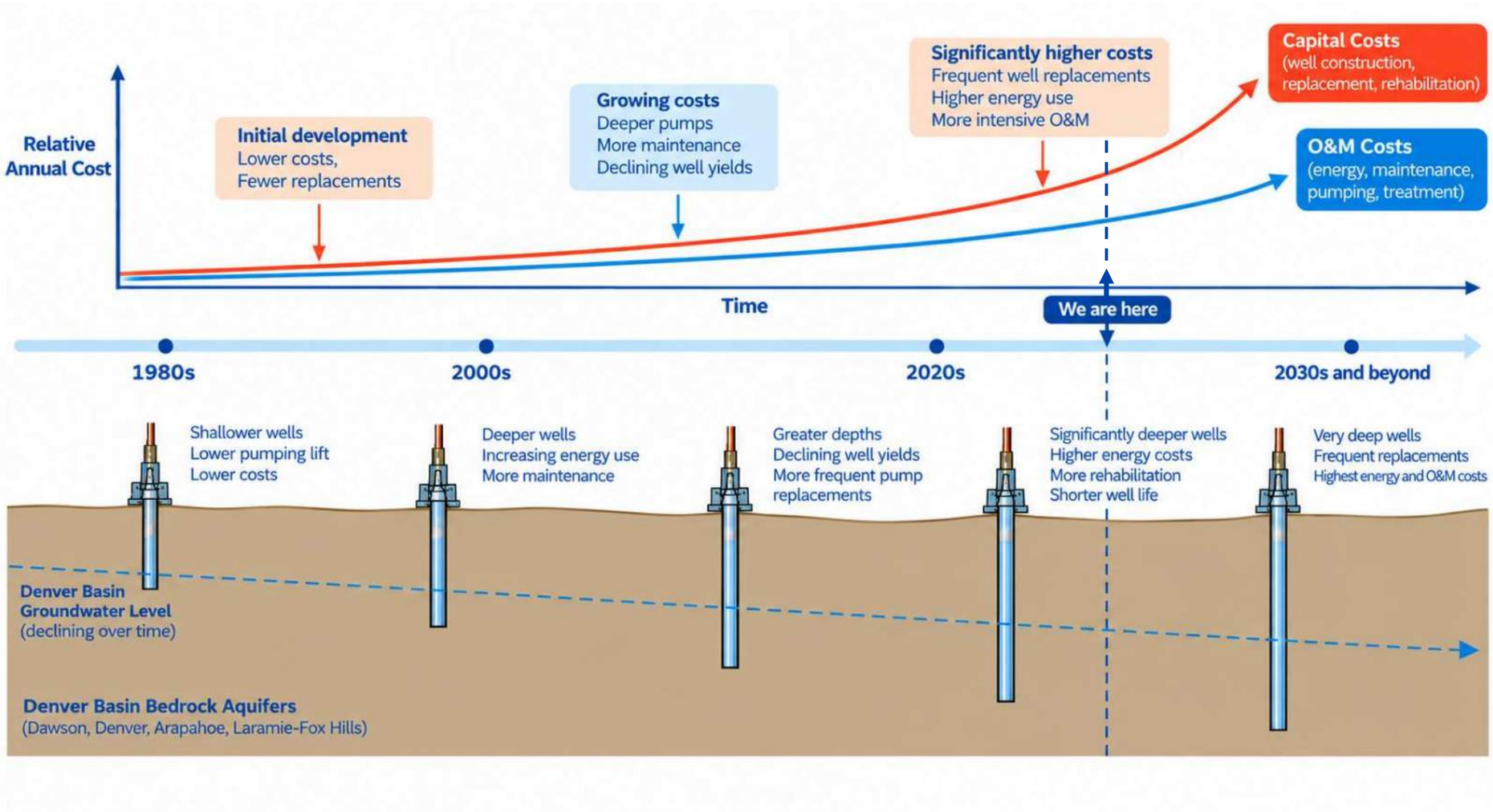


# Current State of Water Supply

**The cost of getting new water will be increasingly prohibitive.**

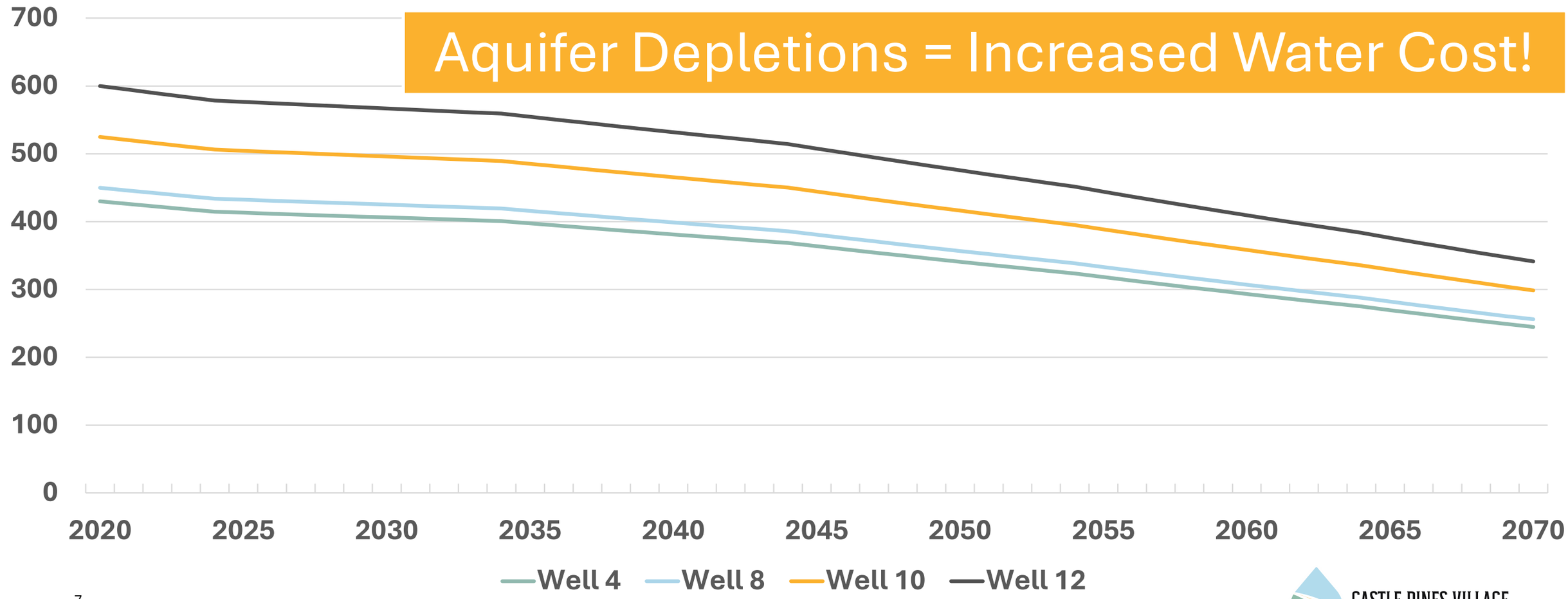
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# The Rising Cost of Groundwater




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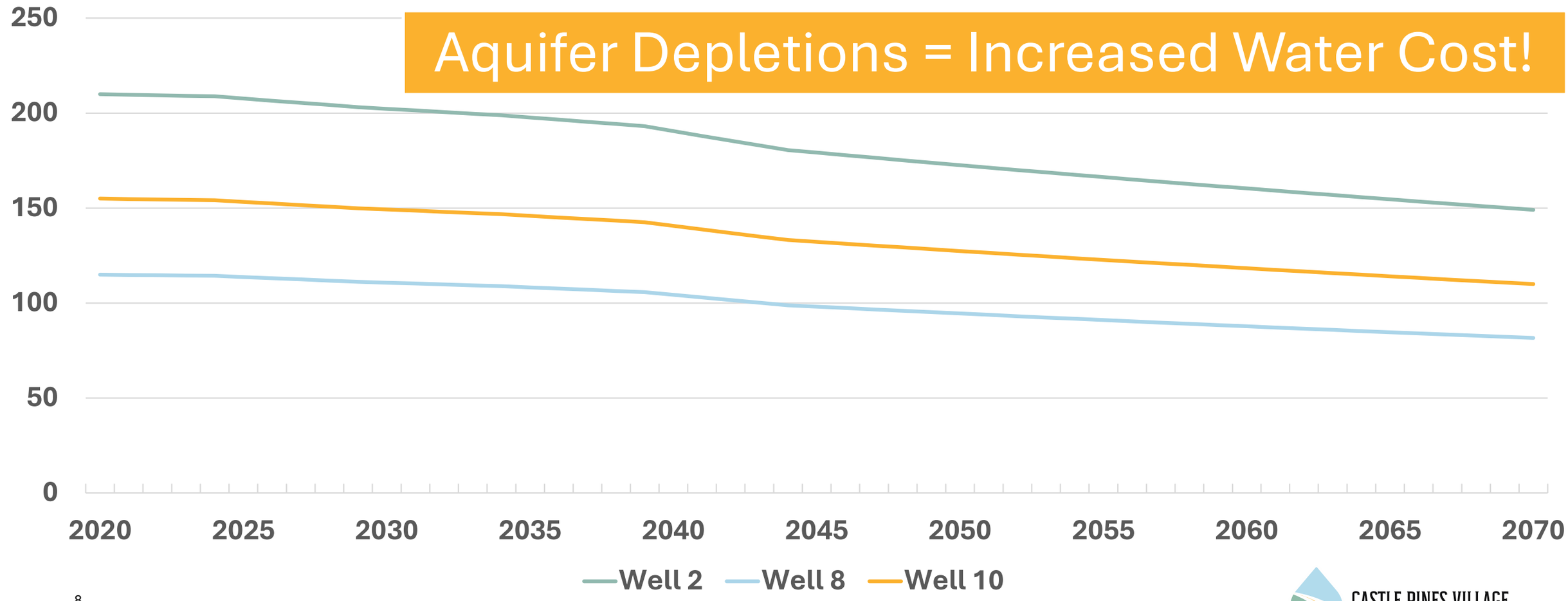
# Four Arapahoe Wells Production Trend (71% of District Water )






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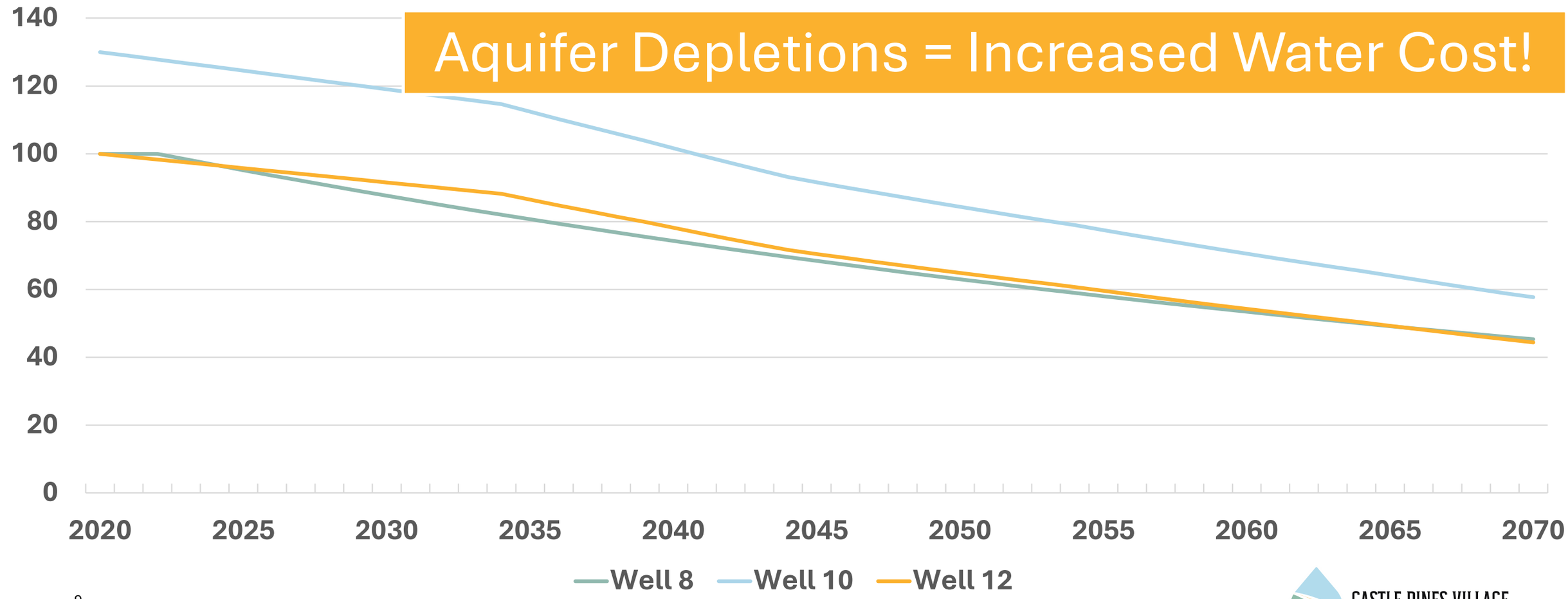
# Three Denver Wells Production Trend (21% of District Water)






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# Three Dawson Wells Production Trend (8% of District Water)





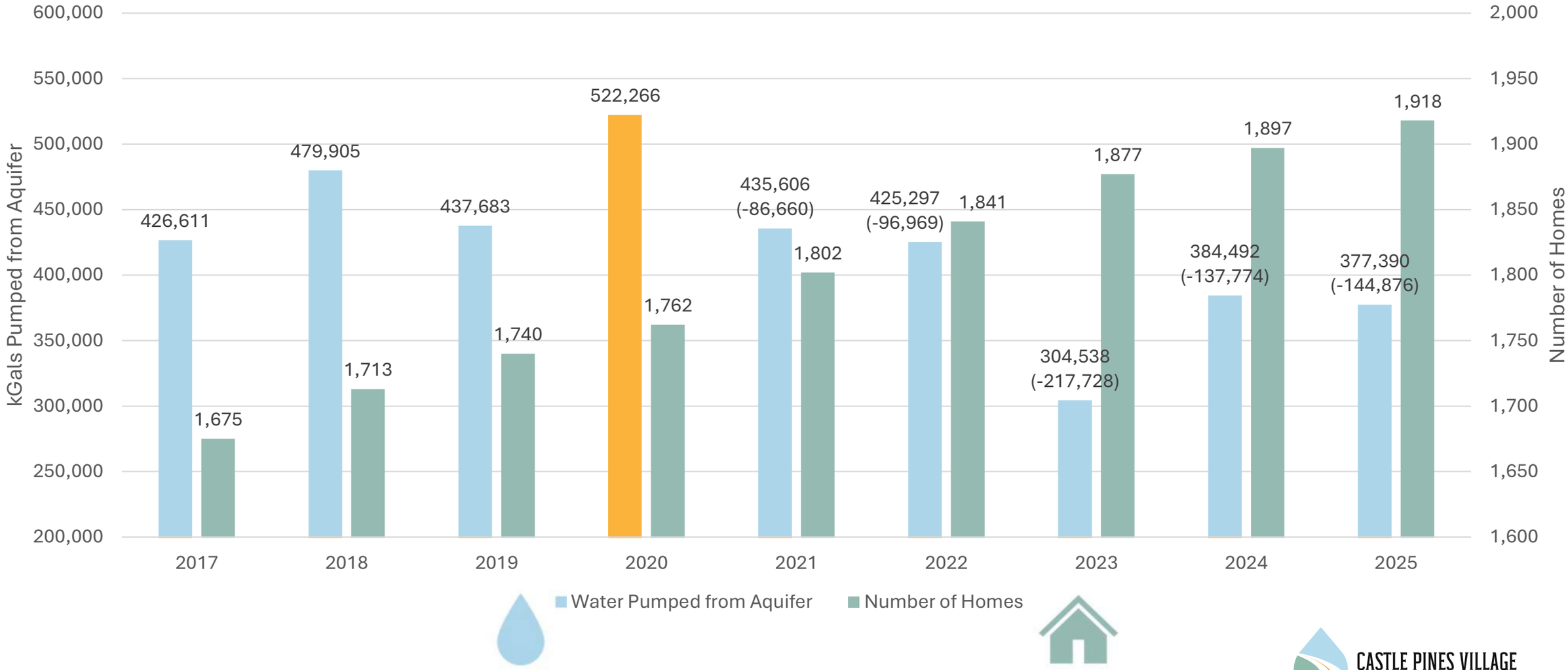

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# Strategical Pivots in 2021

- In 2021, the District pivoted to a new water strategy to reduce water demands in The Village.
- Introduced new water budgets and tiered water rate strategy to reward efficient use and price heavy use accordingly.
- Funded $323k  in irrigation efficiency analyses for every home in The Village. 70% of residents took advantage of this program.
- Provided $1.4M in rebates to residents to upgrade their personal irrigation systems.
- Invested $621k in leak detection and repairing aging District water infrastructure.
- Two changes drove the biggest results: irrigation smart meters & infrastructure repair.
- Secured a $25M bond to modernize core infrastructure (water treatment plant and water storage tank).

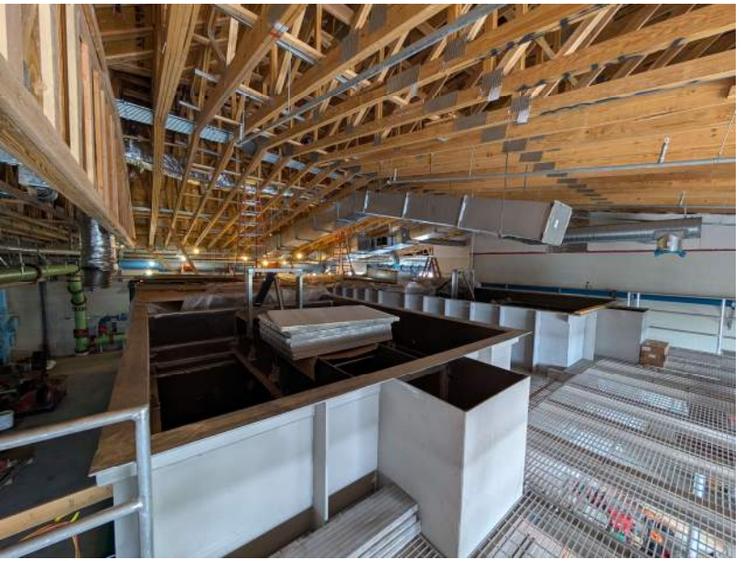
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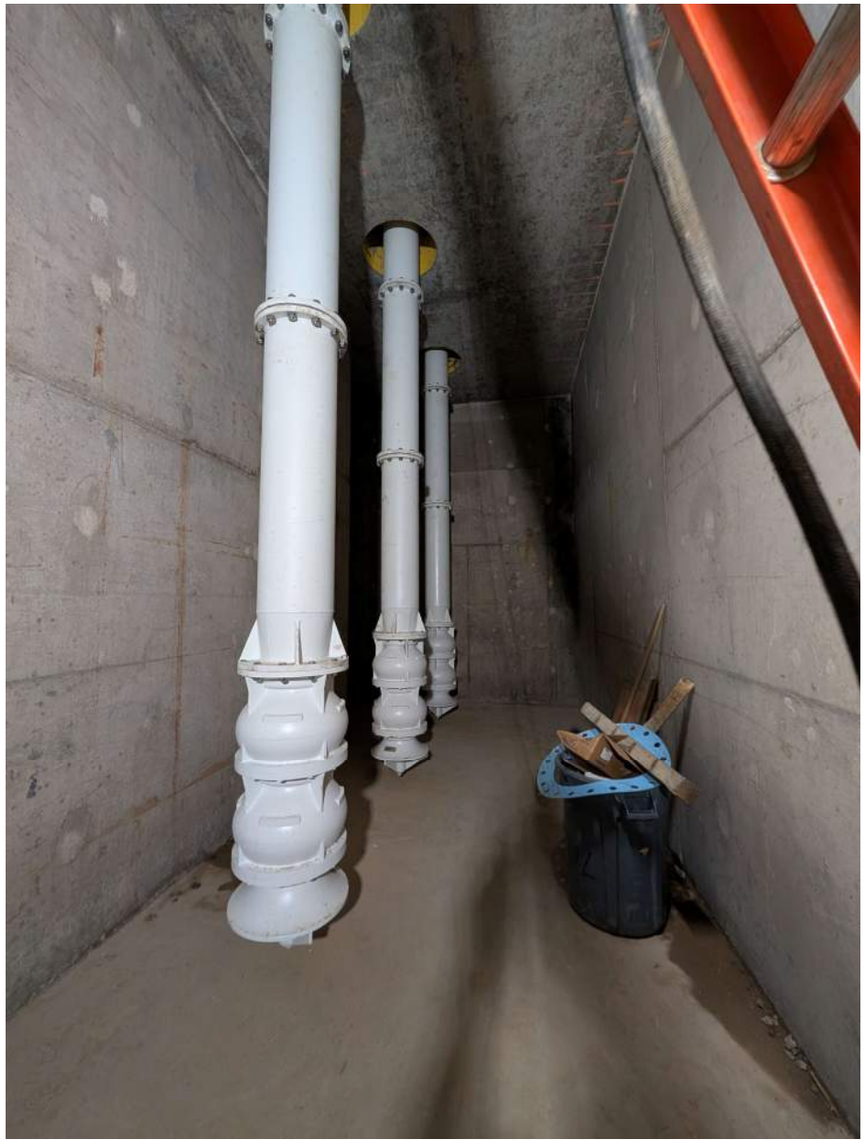
# Record Water Savings Despite Growth

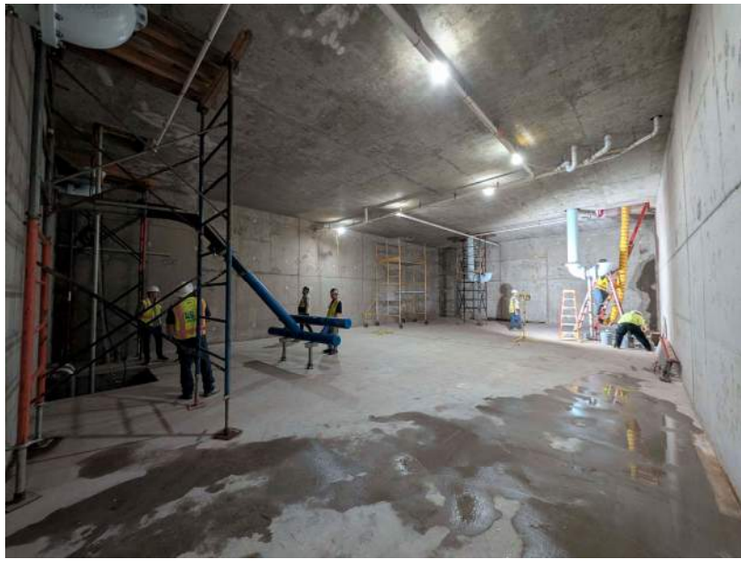



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# $25M Bond (Expanded Water Treatment Plant)











# $25M Bond (New 2 MG Water Tank)

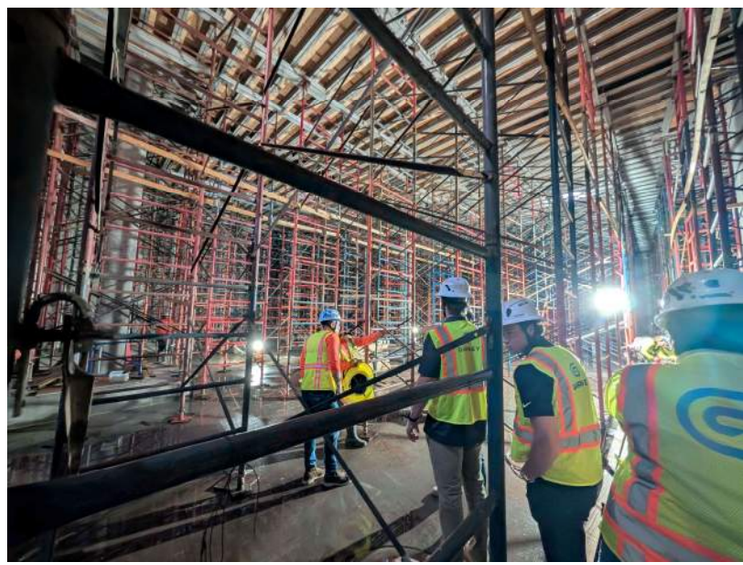










# How much money have we invested?

| Item | Cost |
|---|---|
| Water treatment plant expansion | $21.8 million |
| New 2 MG water storage tank | $11.9 million |
| 3 new wells | $2.3 million |
| Well rehabilitation projects | $1.1 million |
| Crestone water line replacement | $2.0 million |
| **Total** | **$39.1 million** |



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# Critical Focus for Next 5 Years

- Develop a long-term renewable water master plan, backed by additional financing (bonds, federal funding, and other sources).
- We operate in a competitive regional water market. Every solution must put Village residents first.
- Advocate aggressively at the state and federal level on issues that affect us (PFAS, US 85 widening, backflow requirements, and more).
- Defend our existing water rights and pursue new ones just as aggressively.

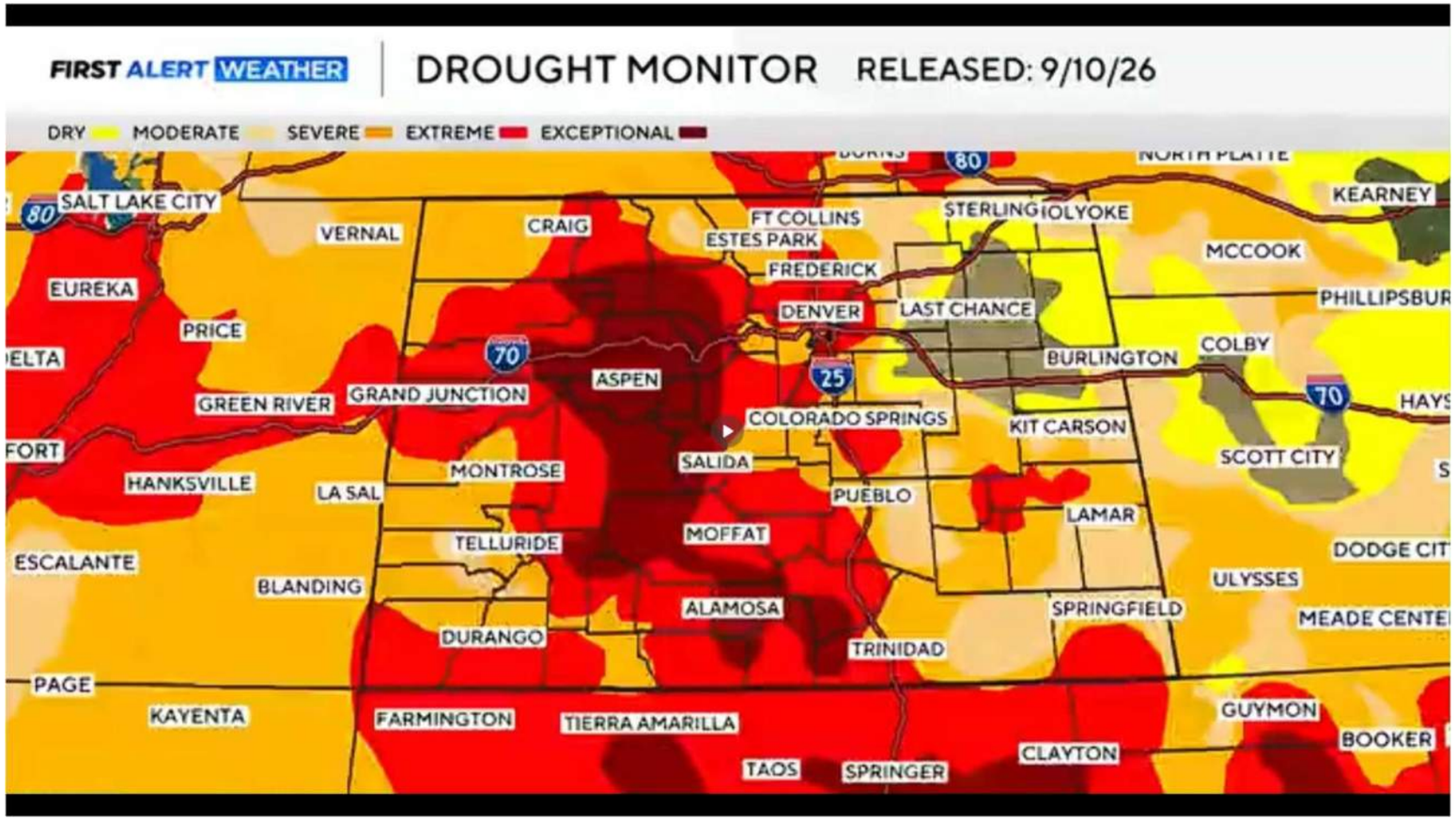
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# Securing Renewable Water for The Village

- Continued water surety for The Village.
- Unlike most neighboring communities, our drinking water is 100% groundwater, drawn directly from the aquifer.
- Other communities relying on surface water must treat for PFAS and other contaminants, a far more extensive and expensive process.
- Groundwater is clean and low-cost today, but it is a finite resource. Renewable supply is how we protect The Village for the long term.
- Exercising our renewable rights sooner costs less and carries less litigation risk than waiting.
- Castle Rock, Parker Water, Centennial, CP North, and Dominion already have a renewable component in their systems.
- Castle Rock Water is now challenging our District's water rights, seeking to reclaim renewable water we are entitled to in order to serve their own growth.

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# Castle Rock Water Master Plan






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# CPV Metro Renewable Project Objectives

## Supply & Reliability

- **Increase Renewable Supplies: 70% of demand by 2050-2075**
- **System Reliability: 95% reliability target**
  - Strategic Water Reserve: maintain 5% reserve
  - System Redundancy: build in system resilience
- *Reduce Water Consumption: 10% less use by 2030*

## Sustainability & Quality

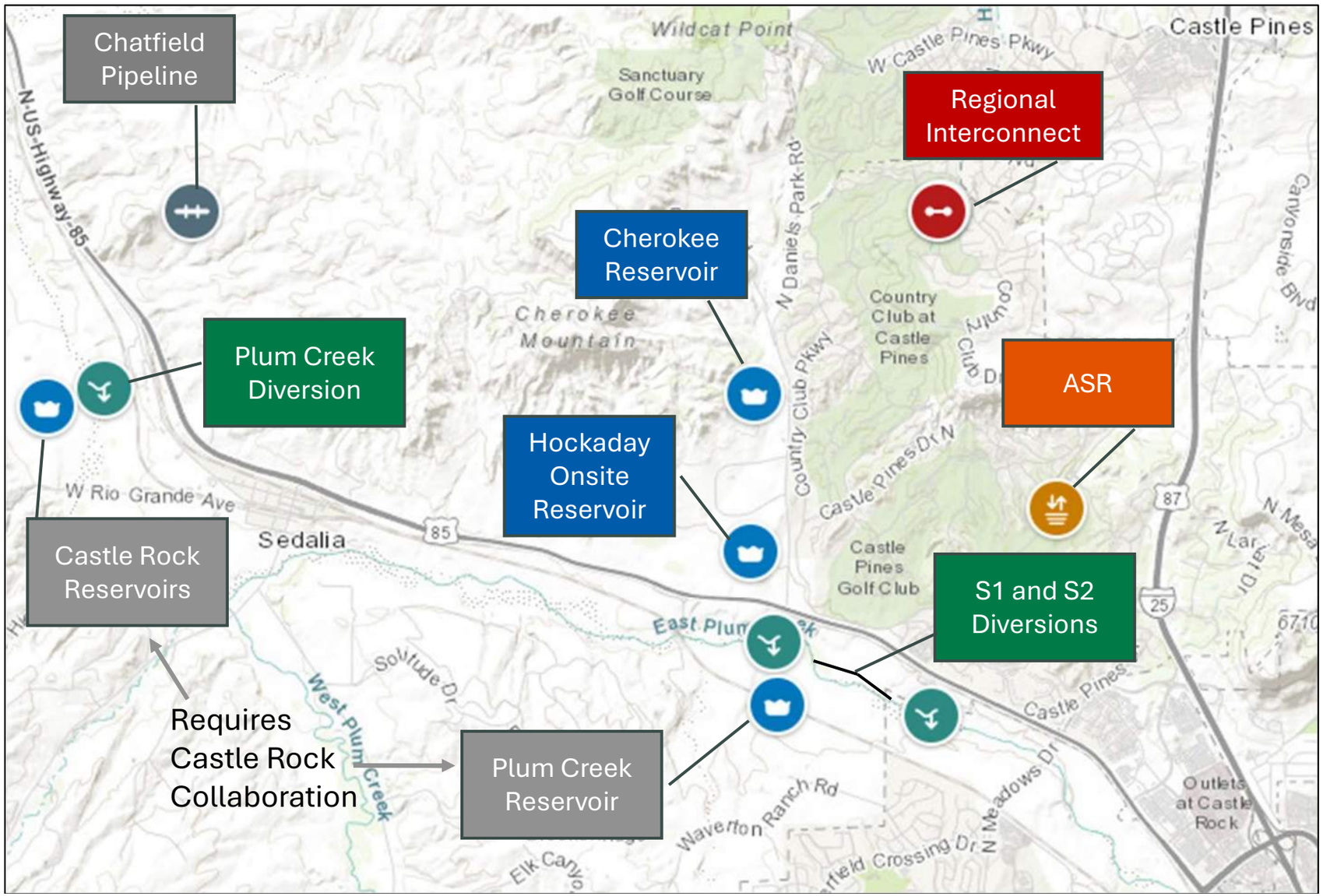
- **Sustainable Groundwater Management**
- **Water Quality: preserve drinking water quality**

## Delivery & Governance

- **Self-Sustaining (Go It Alone)**
- **Fiscal Responsibility: reasonable costs, long-term value**
  - Leverage Existing Assets: maximize current infrastructure
  - Maximize Water Reuse: highest-value use of reclaimed water
  - Project Feasibility: regulatory and construction feasibility
  - Long-Term Completion: complete by 2055
- *Regional Collaboration: partner with neighboring providers*

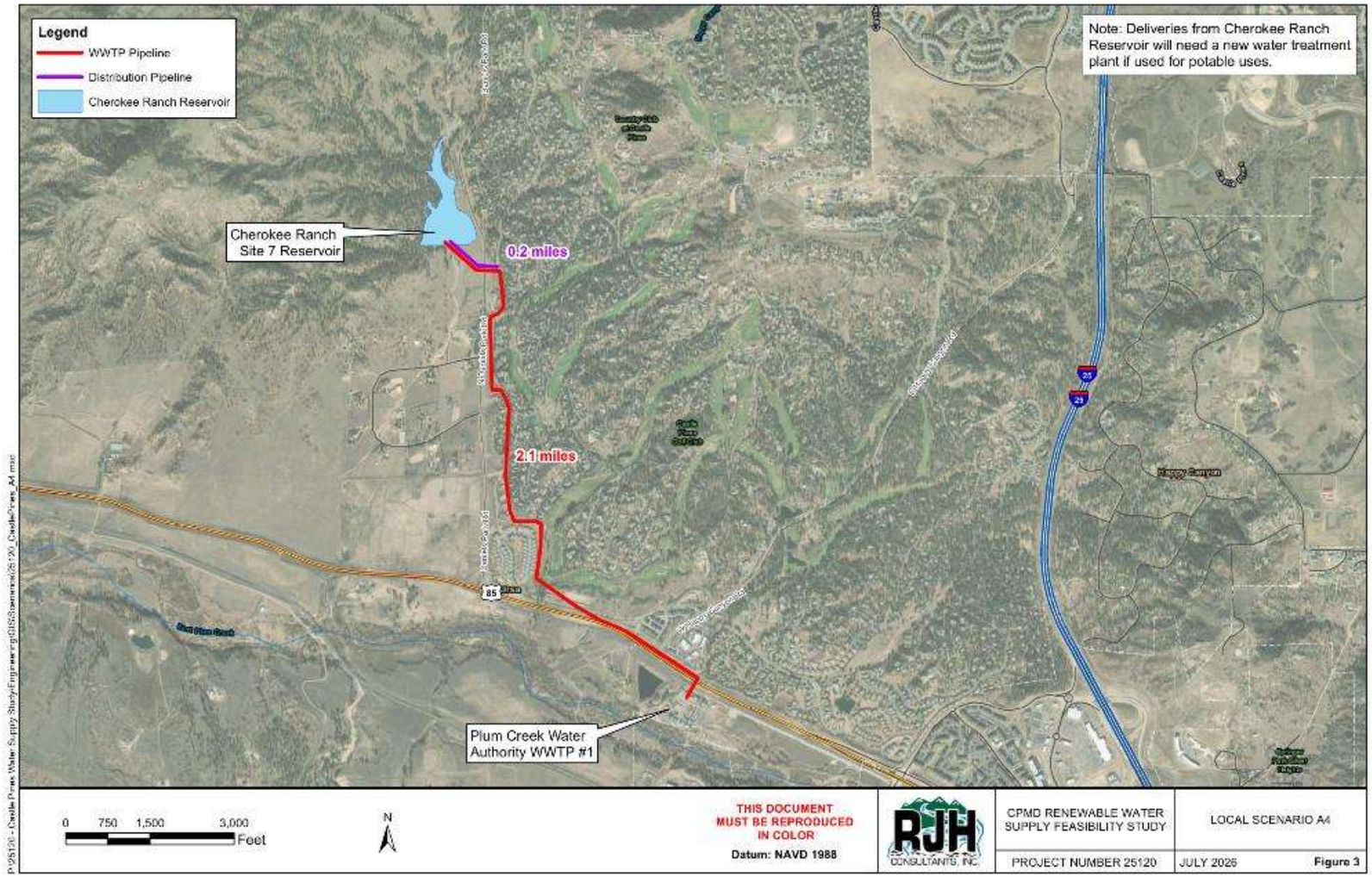
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# Identified Local Projects Map




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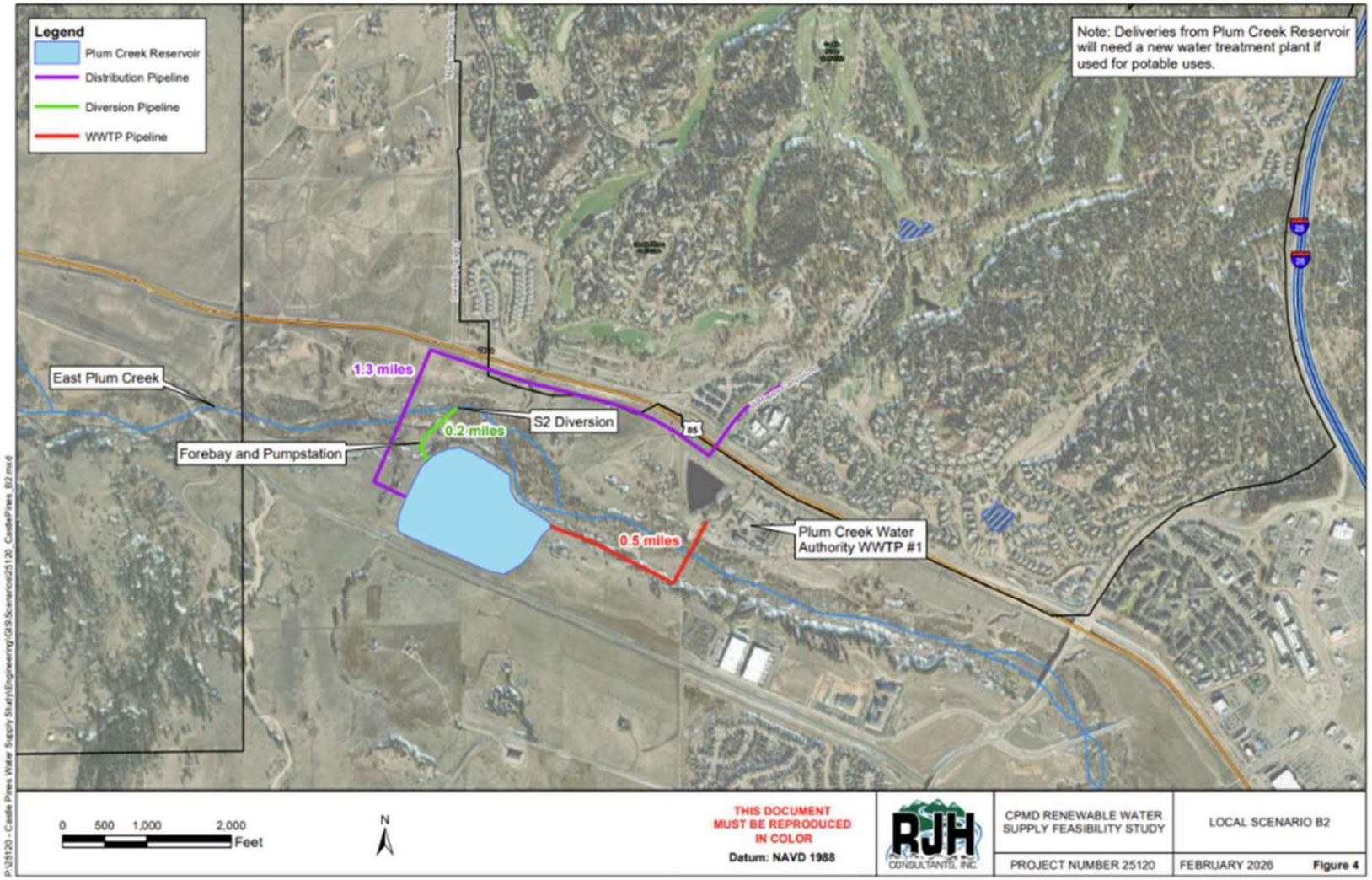
# Solution 1: Cherokee Ranch Reservoir




- Consistent firm supply.
- Best “go it alone” option for the money.
- Most feasible near-term solution.

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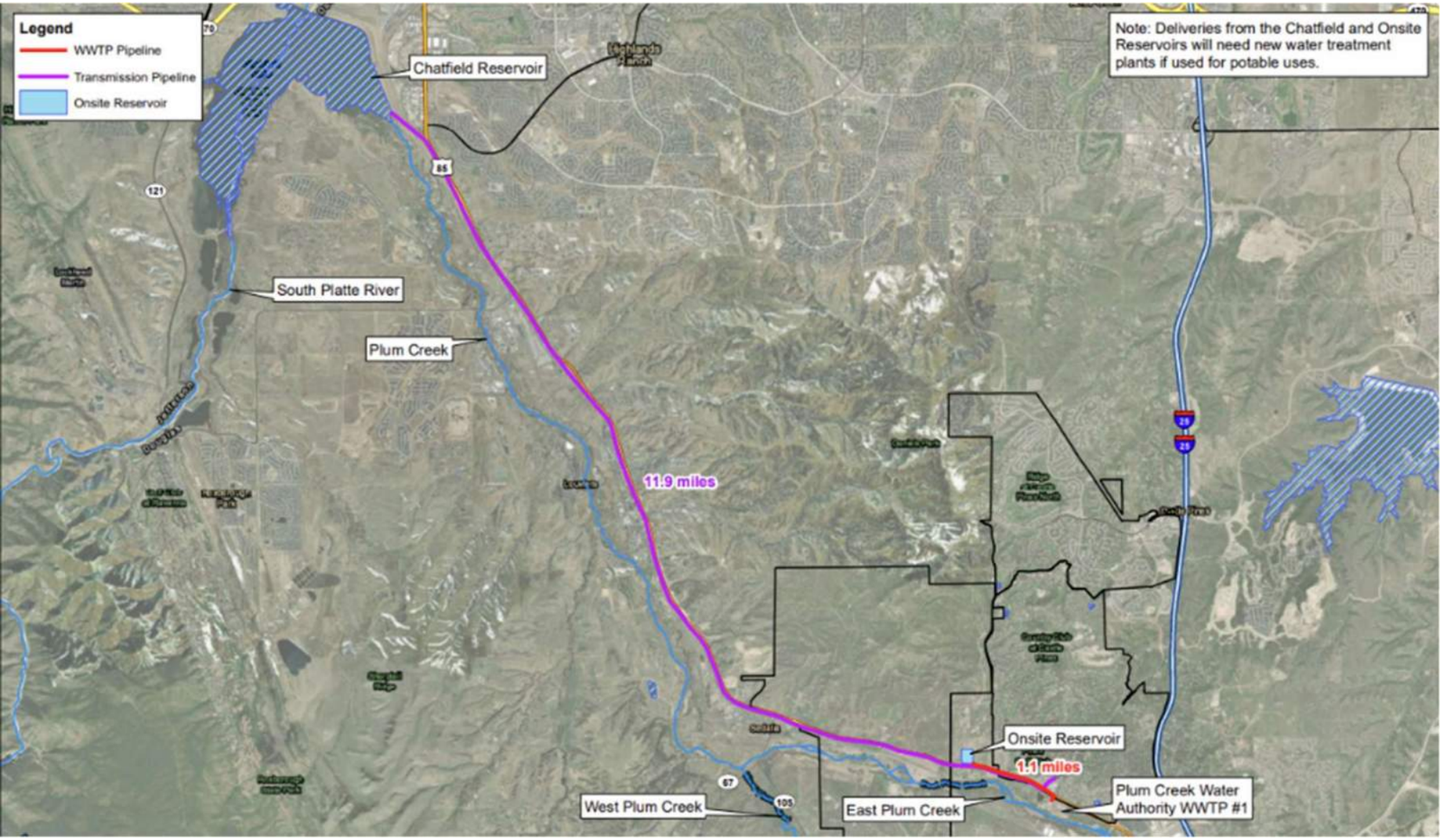
# Solution 2: Plum Creek Reservoir




- Variable average supply.
- Most renewable East Plum Creek Option.
- Shared yield/capacity with CPNMD and/or CRW?

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# Solution 3: Chatfield Pipeline to Cherokee Ranch

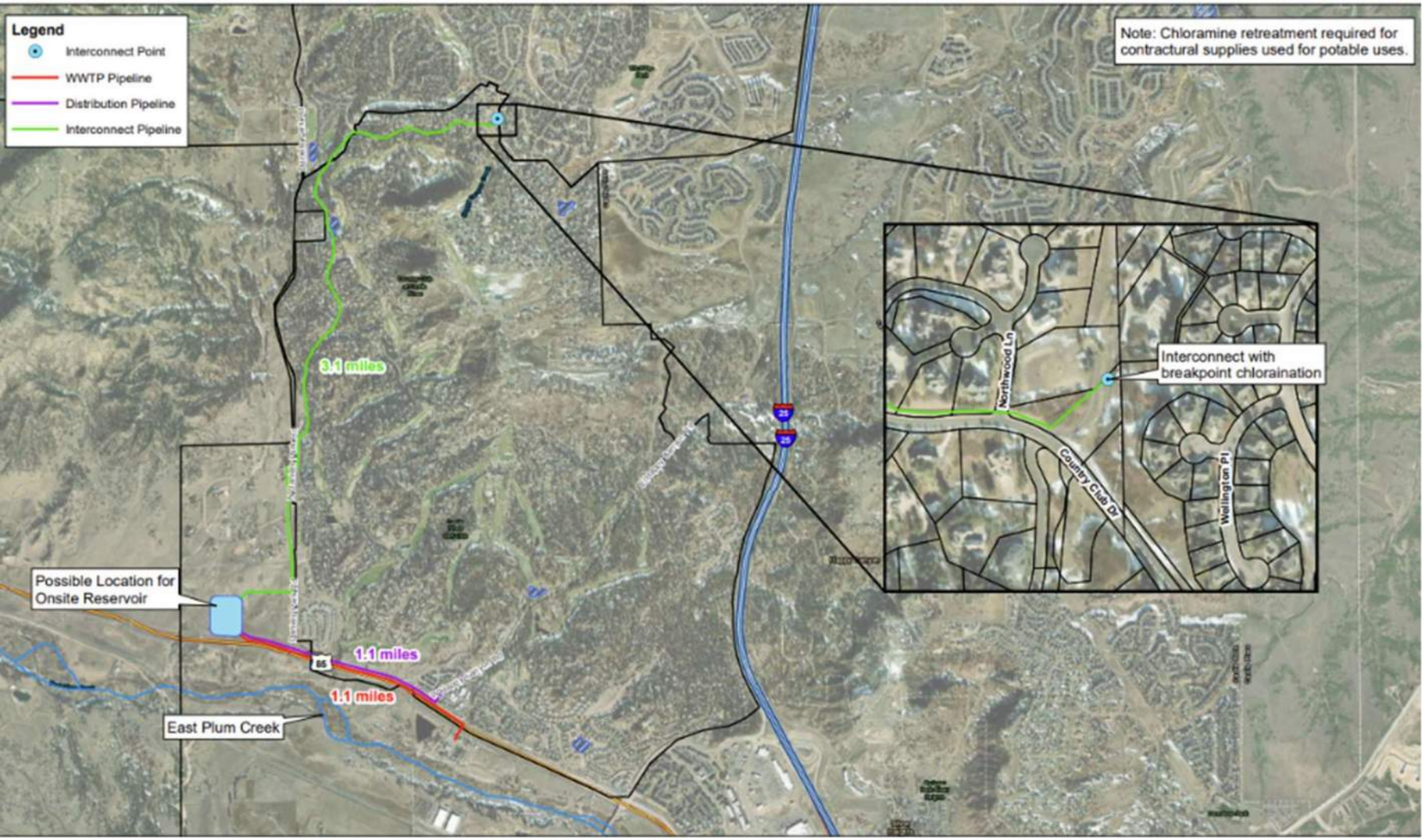



- Variable average supply.
- Most renewable “go it alone” option.
- Permitting uncertain.



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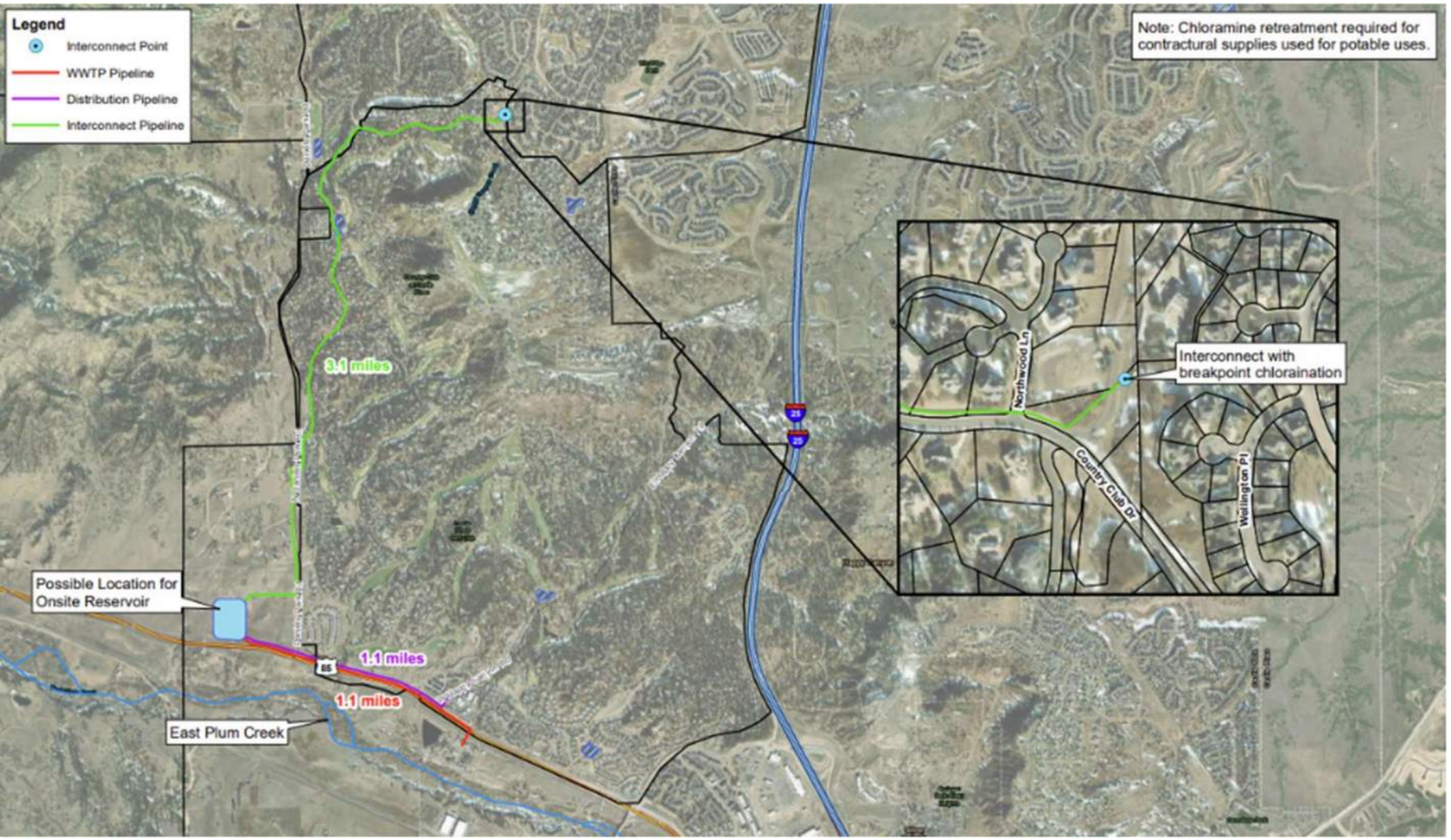
# Solution 4: Interconnect from Chatfield to Cherokee Ranch Reservoir (WISE Water)




- Variable average supply.
- Best regional option.
- WISE deliveries can be uncertain.

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# Solution 5: Interconnect from Chatfield to Cherokee Ranch Reservoir (Contractual Delivery)




- Consistent firm supply.
- Most renewable option.
- Supply availability is uncertain.

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# Renewable Water Options Summary

## 1

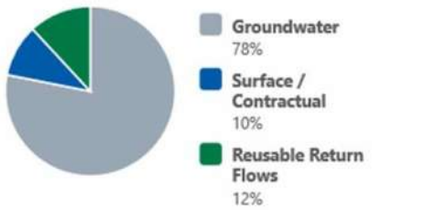
RENEWABLE, 2050-2075 AVG

**22.0%**

21.9% at 2055 / 21.9% at 2075

70% target

SUPPLY MIX (2055)




| LIFECYCLE COST | $/AF NEW SUPPLY | TOTAL WELLS |
|---|---|---|
| $47M | $1,837 | 18 |

| STRATEGIC RESERVE | OBJECTIVES (of 24) |
|---|---|
| 36 AF | 15.8 |

## 2

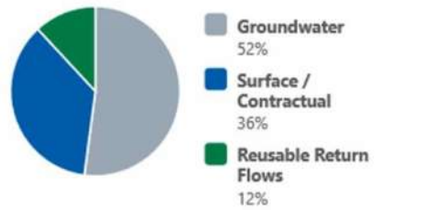
RENEWABLE, 2050-2075 AVG

**53.7%**

47.9% at 2055 / 64.5% at 2075

70% target

SUPPLY MIX (2055)




| LIFECYCLE COST | $/AF NEW SUPPLY | TOTAL WELLS |
|---|---|---|
| $96M | $2,212 | 18 |

| STRATEGIC RESERVE | OBJECTIVES (of 24) |
|---|---|
| 37 AF | 15.6 |

## 3

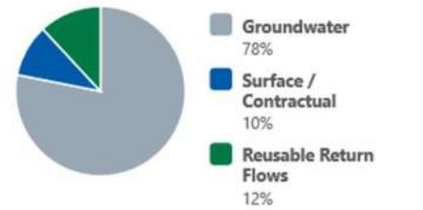
RENEWABLE, 2050-2075 AVG

**35.9%**

21.9% at 2055 / 21.9% at 2075

70% target

SUPPLY MIX (2055)




| LIFECYCLE COST | $/AF NEW SUPPLY | TOTAL WELLS |
|---|---|---|
| $89M | 2,671 | 18 |

| STRATEGIC RESERVE | OBJECTIVES (of 24) |
|---|---|
| 36 AF | 14.6 |

## 4

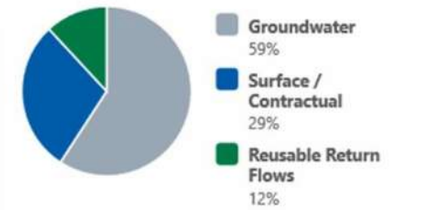
RENEWABLE, 2050-2075 AVG

**47.3%**

40.8% at 2055 / 40.8% at 2075

70% target

SUPPLY MIX (2055)




| LIFECYCLE COST | $/AF NEW SUPPLY | TOTAL WELLS |
|---|---|---|
| $103M | $2,602 | 18 |

| STRATEGIC RESERVE | OBJECTIVES (of 24) |
|---|---|
| 143 AF | 15.2 |

## 5

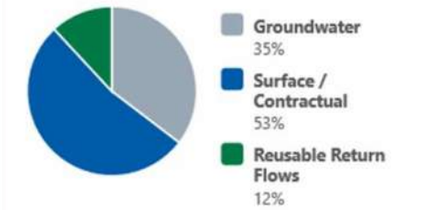
RENEWABLE, 2050-2075 AVG

**67.1%**

64.6% at 2055 / 71.3% at 2075

70% target

SUPPLY MIX (2055)




| LIFECYCLE COST | $/AF NEW SUPPLY | TOTAL WELLS |
|---|---|---|
| $72M | $1,395 | 6 |

| STRATEGIC RESERVE | OBJECTIVES (of 24) |
|---|---|
| 36 AF | 18.8 |

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# Renewable Water Conclusions

- District’s renewable water strategy will be finalized in 2027.
- Implementation will follow, requiring 3 to 7 years of work.
- Early action lowers cost and reduces litigation risk, so the timeline matters.
- Board direction and financing decisions in the near term will shape how quickly we can move.

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# Ballot Question

# Ballot Question Before Voters on December 8

Shall members of the Board of Directors of Castle Pines Village Metropolitan District be authorized to serve without limitation on their terms of office pursuant to the right granted to the voters of the Castle Pines Village Metropolitan District in Article XVIII, Section 11 of the Colorado Constitution to lengthen, shorten, or eliminate the limitations on the terms of office imposed by such Section?



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# Removing Term Limits: You Stay in Control

- We are asking the electorate to remove director term limits.
- This keeps experienced directors available when the District needs them most.
- Voters keep full control either way. Removing the limit does not remove elections.
- Residents can re-elect or replace any director at every regular election.

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# Why Experience Matters

- Time: 30 to 40 hours per director per month.
- Technical grasp of the District's challenges: bond financing, water engineering, Colorado water rights, and federal and state mandates.
- A steep learning curve on the District's Water Preservation Program and our Long-Range Water Master Plan.
- Political knowledge and connections, both to protect the District and to move it forward.
- www.CPVMetroCO.gov/election-notice

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# Thank you!

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