

Planning for Water Supply Resiliency

Spokane River Forum Conference - April 2025





Being Resilient Means...




- ▶ **Adaptable for current AND future situations**
- ▶ **Protecting our resources for the future**
- ▶ **Using water wisely with planning and conservation**





Planning Improves Resiliency

City of Spokane's goal is to deliver clean and safe drinking water 24 | 7 | 365. It requires planning because:

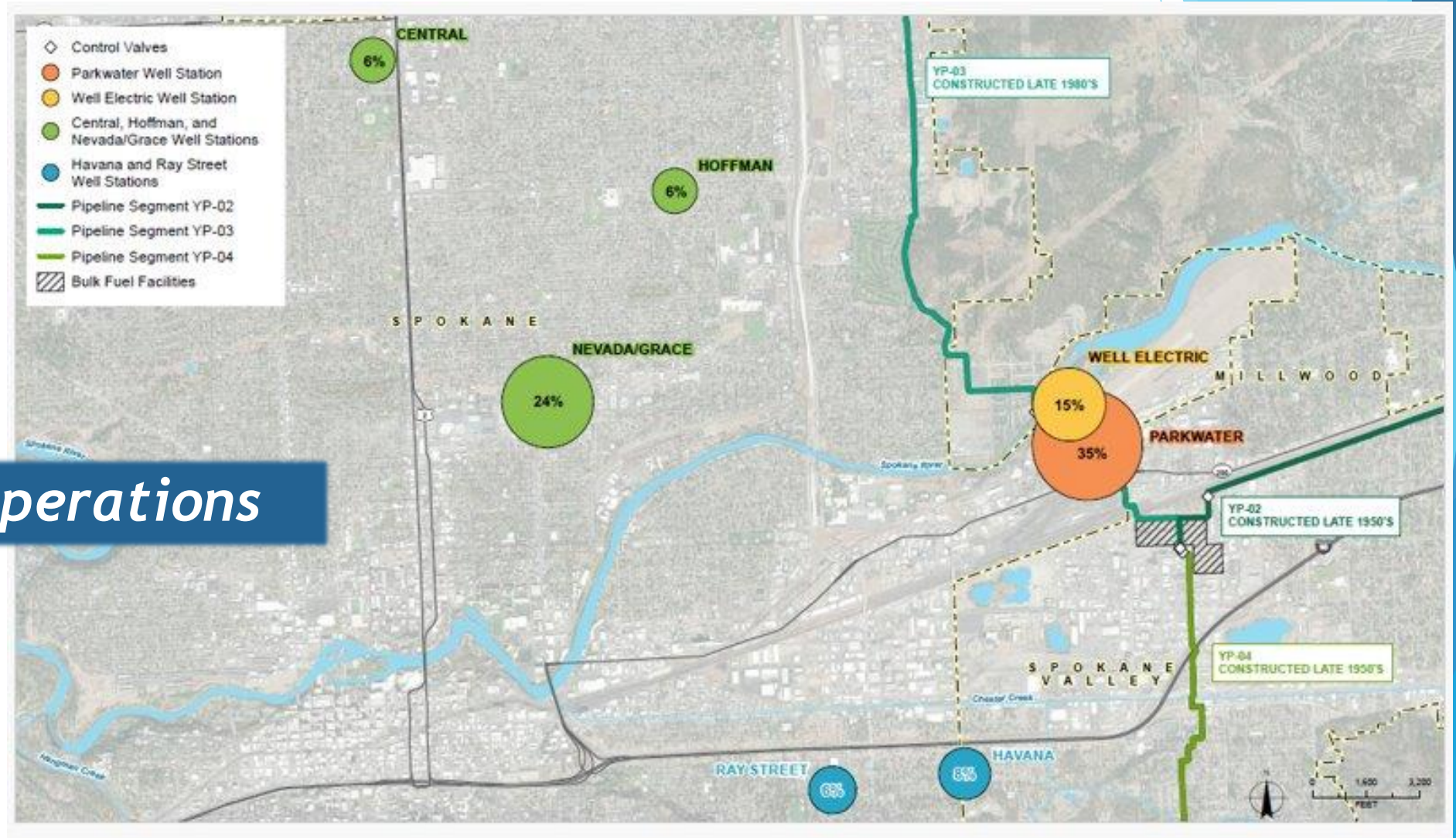
- ▶ Major capital projects take a long time to build 
- ▶ Must be adaptable to future change 
- ▶ The expected is **UNLIKELY** to happen 





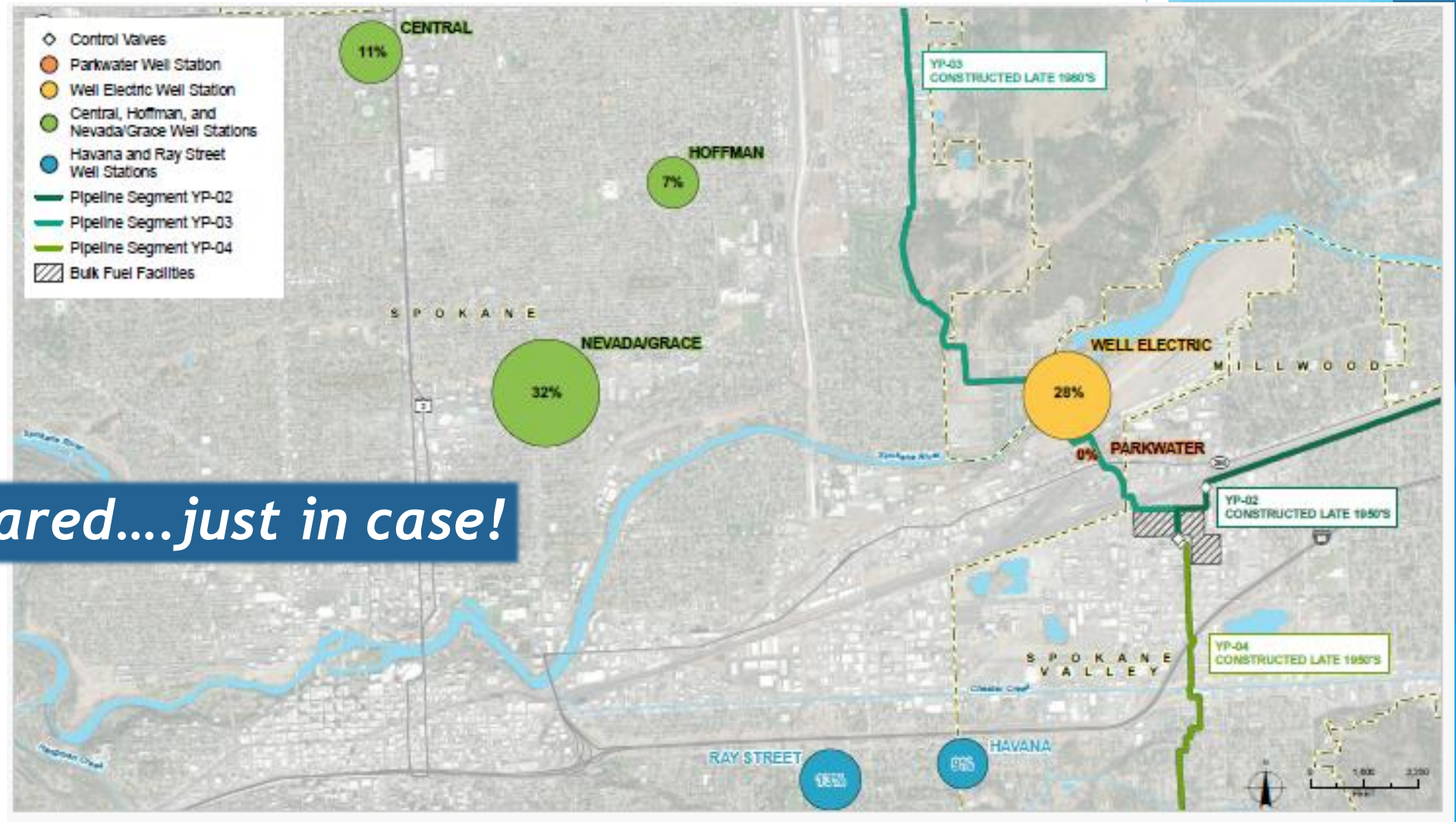
Yellowstone Pipeline

Normal operations





Yellowstone Pipeline



Being prepared...just in case!





Nimble Operations Staff



Attitude



Training



Tools





Planning Provides Opportunity

Well Station equipment is approaching the end of its useful life.

Planning for the impacts of growth and climate change in updating, rehabilitating, and rebuilding well stations adds resiliency for a small additional cost.





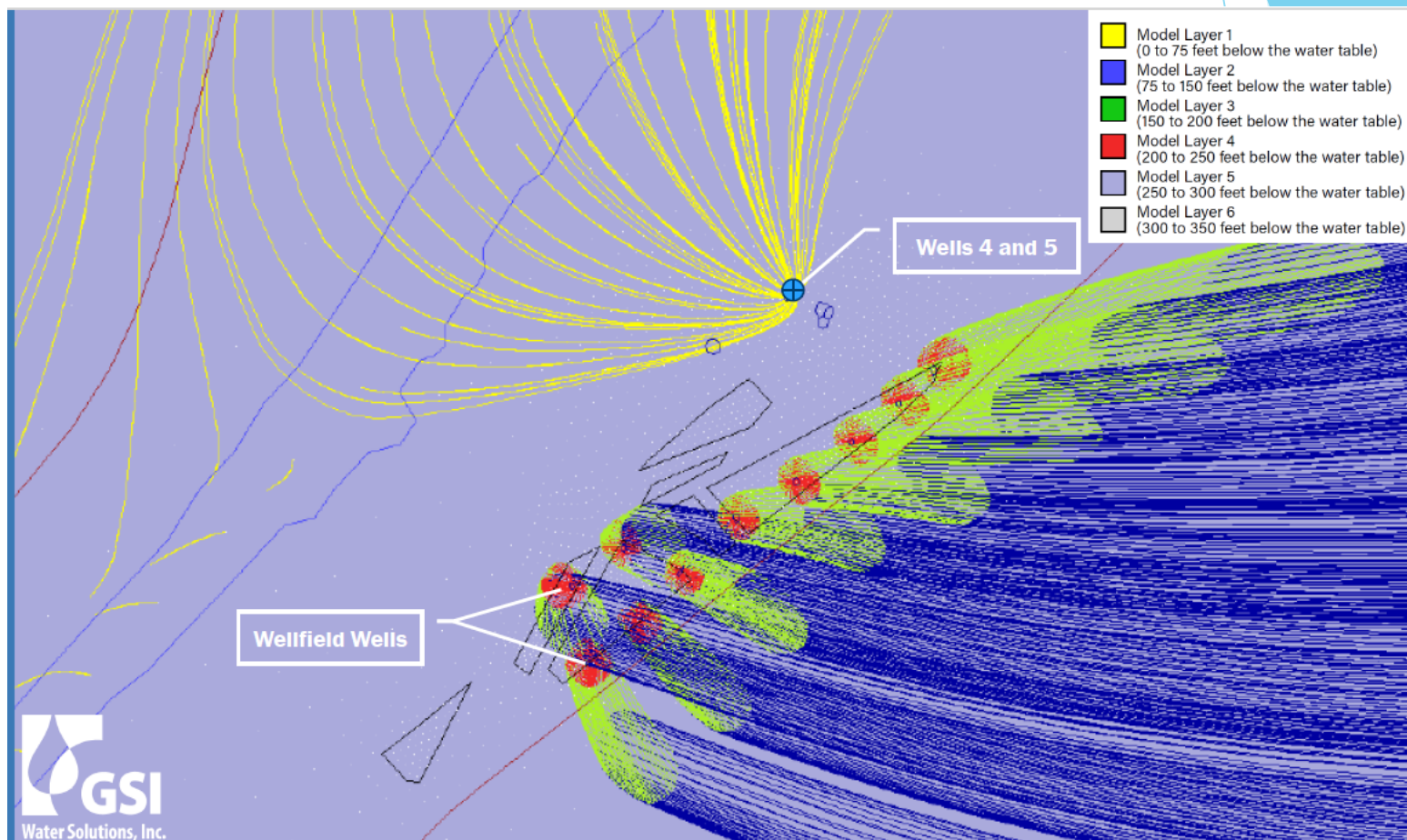
Exploration at Well Electric





Building for the Future at Well Electric

Deeper wells
reduce risk



Original modeling



Havana Well Station Part 2

- ▶ Needed for water supply south of I-90
- ▶ Resiliency from supply constraints at Well Electric and Parkwater well stations
- ▶ Study provided **guidance** for timing and prioritization





Ray Street Well Station



NEED:

- ▶ Pump
- ▶ Electrical Upgrades
- ▶ Power

More information guides the scope.

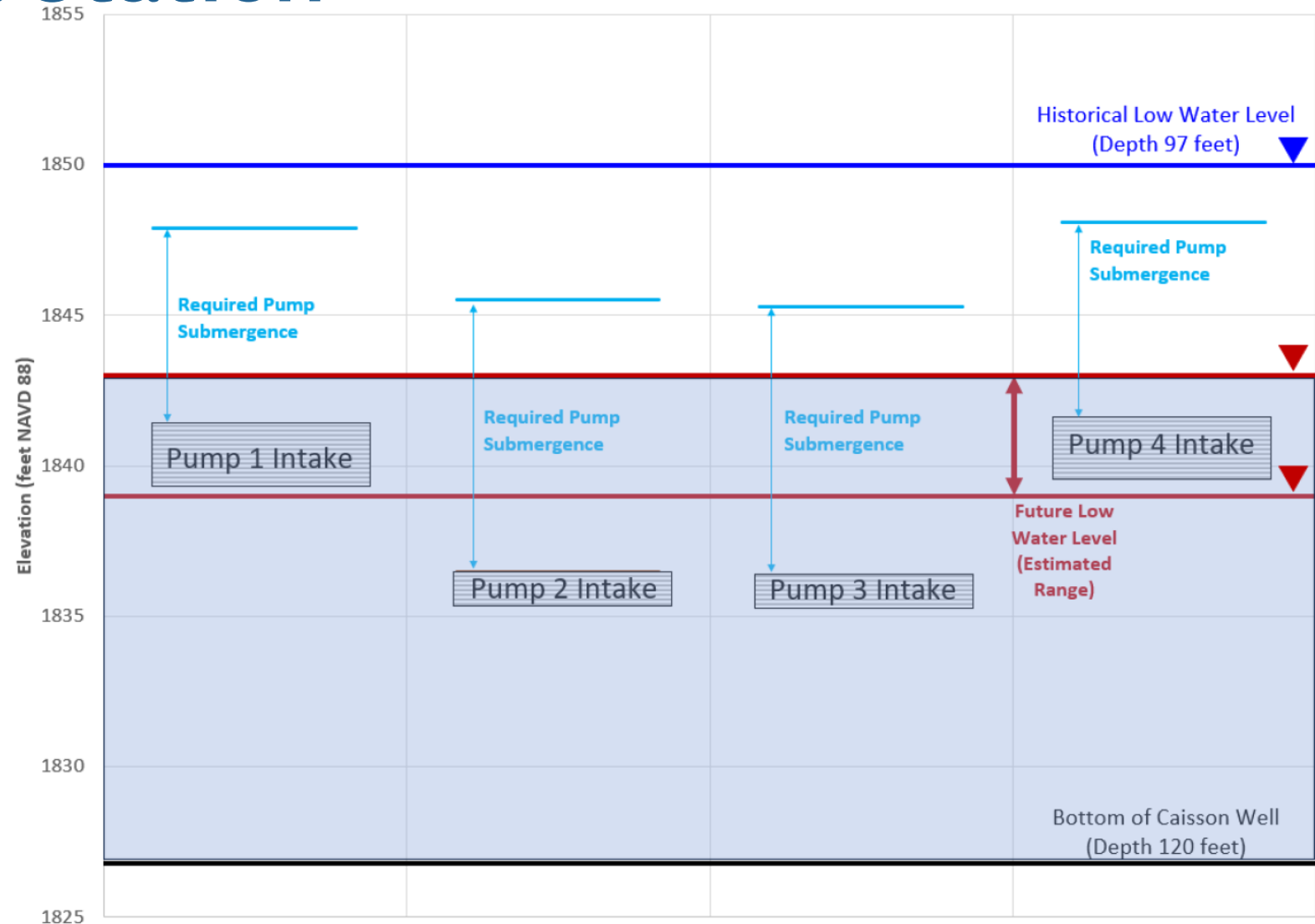




Nevada Well Station

Add Grace Well Station

- **NEED:** Pump and electrical upgrades.
- **STUDY:** Determine the detailed scope of work and the long-range supply for 50+ years.
- **PLAN:** Water Supply Resiliency planning for 2070 with changes in aquifer and growth.





Parkwater Well Station

- ▶ Last well station to study
- ▶ Benefit from lessons learned from other well stations





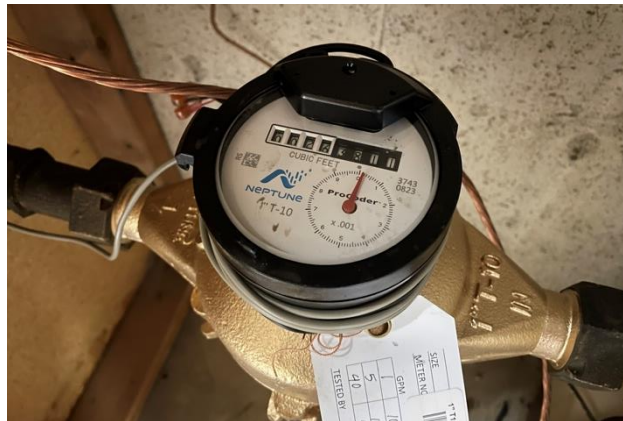
Water Wise Spokane



Hydrants & Filling Stations



Advanced Metering Infrastructure (AMI)



Conservation Programs

OUTDOOR WATERING SCHEDULE
Watering Rules Apply June 1st - October 1st

| SPokane | TUES | WEDS | THURS | FRI | SAT | SUN |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| | ODD | EVEN | ODD | EVEN | ODD | EVEN |
| | addresses | addresses | addresses | addresses | addresses | addresses |

NO WATERING BETWEEN 10 A.M. & 6 P.M.

ODD ADDRESS
Water on Odd Days

EVEN ADDRESS
Water on Even Days

Need help programming your sprinkler controller?
SCAN TO SCHEDULE!

WATER WISE WEDNESDAY WORKSHOPS
Join us at the South Hill Library Every Wednesday in March & April 5:30-6:30p.m.

SPOKANE PUBLIC LIBRARY • WATER WISE SPOKANE



THIRSTY THURSDAYS GREEN GRASS DONE RIGHT

Keep Your Lawn Lush with Less

SPOKANE PUBLIC LIBRARY
Shadle Park Library
Thursdays in May
5/1-5/22 • 6PM-7PM





THANK YOU!