



## C.C. Cragin Reservoir

*Water at the Crossroads: The Next 40 Years*  
Drawing the Water Map  
Groundwater/Surface Water



Delivering water and power™

Greg Kornrump  
June 18, 2020

# Groundwater Mitigation – Western US Examples

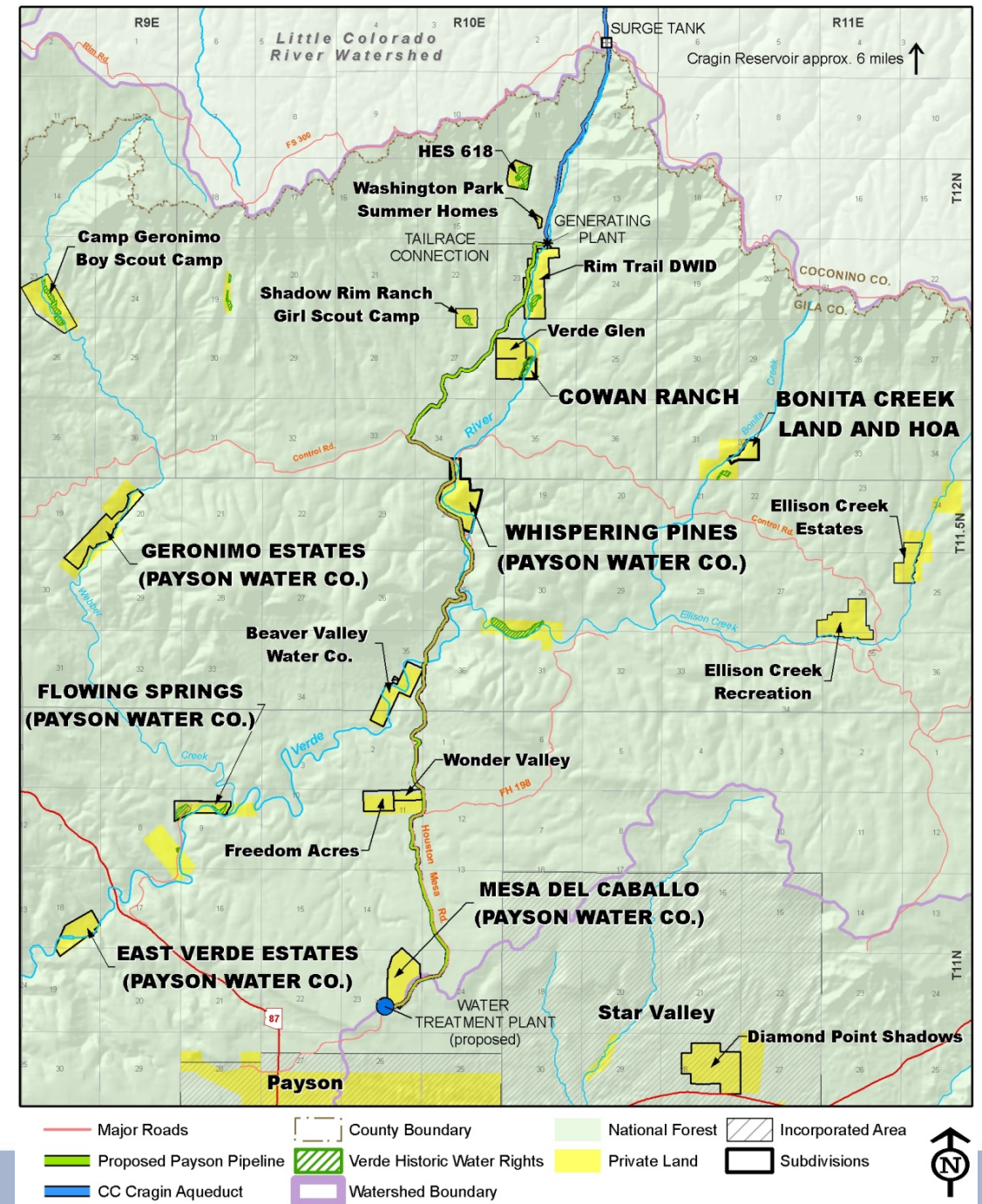
- Deschutes Groundwater Mitigation Program – Oregon
- Dungeness Water Exchange – Washington
- Yakima River Basin – Washington
- South Platte River Basin – Colorado
- Upper Rio Grand River Basin – Colorado
- Middle Rio Grande Basin – New Mexico
- Humboldt River Basin – Nevada
- Verde River Exchange – Arizona



# C.C. Cragin Water Right Agreements

## Long-term Solutions

- Town of Payson agreement executed in 2008
  - 27.2% or 3,000 af/yr average
  - S&T approved by ADWR
- Mesa del Caballo (Payson Water Co.) agreement executed in 2012
  - 0.64% or 70 af/yr average
  - S&T approved by ADWR
- Bonita Creek Land & Homeowners Association agreement executed in 2016
  - 0.14% or 15 af/yr average
  - Exempt water exchange provision
  - S&T recently filed
- SRP actively negotiating agreements with several other water providers in northern Gila County



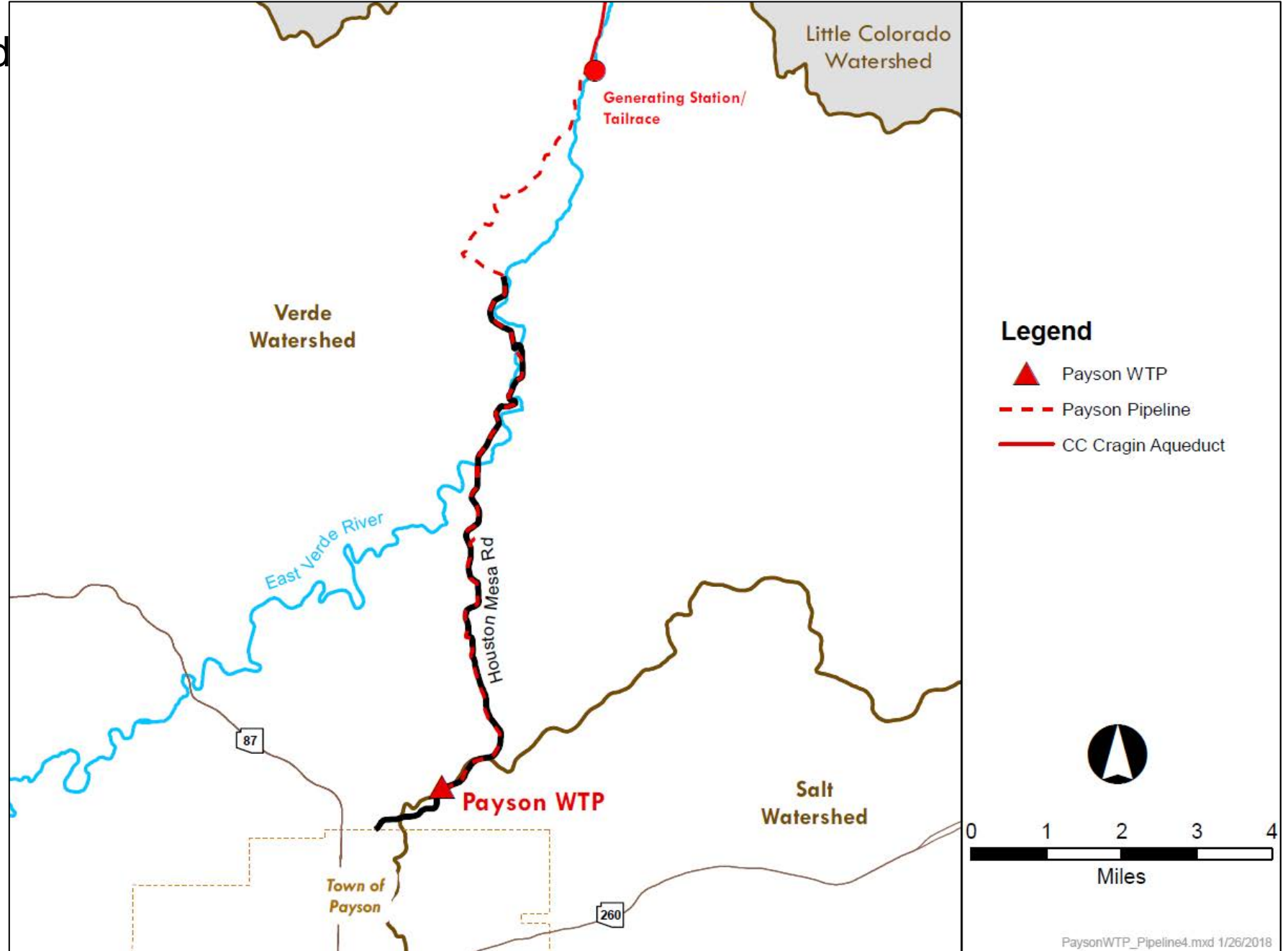
# C.C. Cragin Water Right Agreements

## Objectives

- Resolve water right conflicts
- Provide sustainable source of water supply
- Develop water delivery and use agreements
- Partial severance and transfer of water rights to community water service areas
- Water providers obtain a legal right to surface water

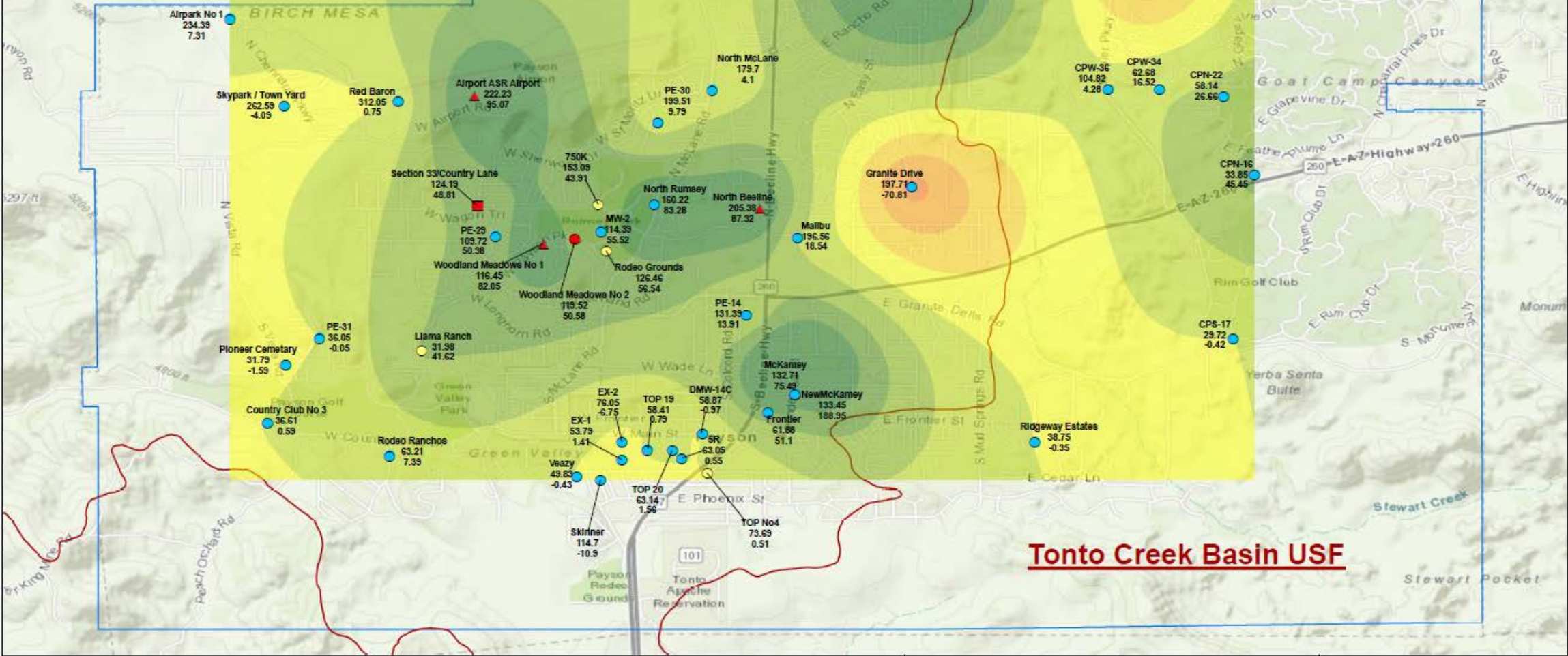


# C.C. Cragin Facilities and Town of Payson Delivery Infrastructure



# Verde River Basin USF

# Tonto Creek Basin USF



**LEGEND**  
**WATER LEVEL CHANGE IN FEET**

LESS THAN -80	-80 to -60	-60 to -40	-40 to -20	-20 to 0	0 to 20	20 to 40	40 to 60	GREATER THAN 60
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▲ ASR      ● INJECTION      ○ GMW & WATER QUALITY  
 ■ CONTINGENCY      ● GMW      □ ADWR BASIN DIVIDE      □ TOP SERVICE AREA

**WELLS LABELLED AS SUCH:**  
 WELL NAME  
 DEPTH TO WATER (01/02/2020)  
 WATER LEVEL DIFFERENCE (7/22/19 to 01/02/20)

0 0.25 0.5 1 Miles

**WATER LEVEL CHANGE MAP**  
**JULY 22, 2019 TO JANUARY 2, 2020**  
**VERDE RIVER & TONTO CREEK BASIN**  
**UNDERGROUND STORAGE FACILITIES**  
**TOWN OF PAYSON, ARIZONA**

**FIGURE**