

El Dorado County Drought and Water Shortage Task Force

4th Meeting

April 27, 2023



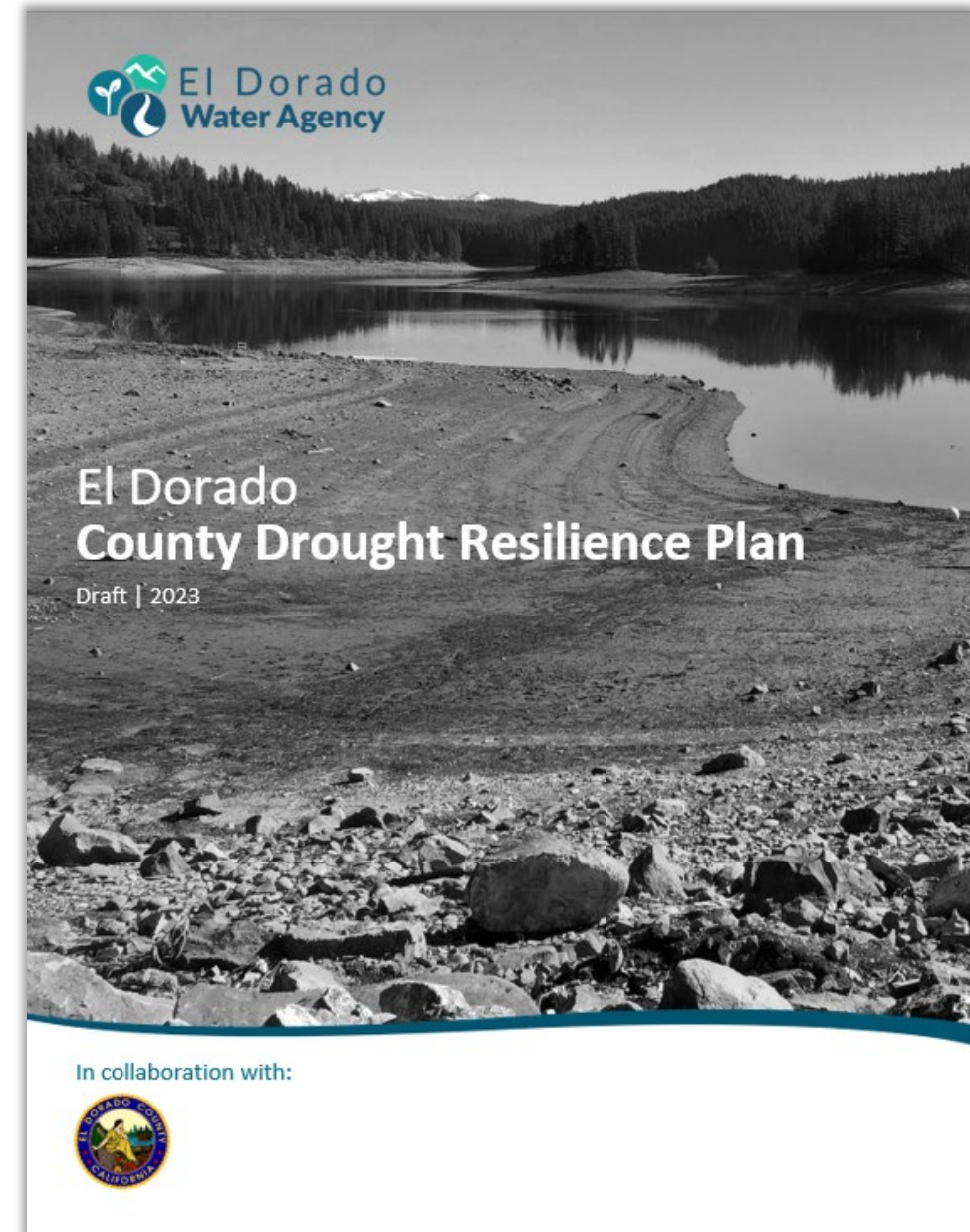
SB 552 Implementation Updates



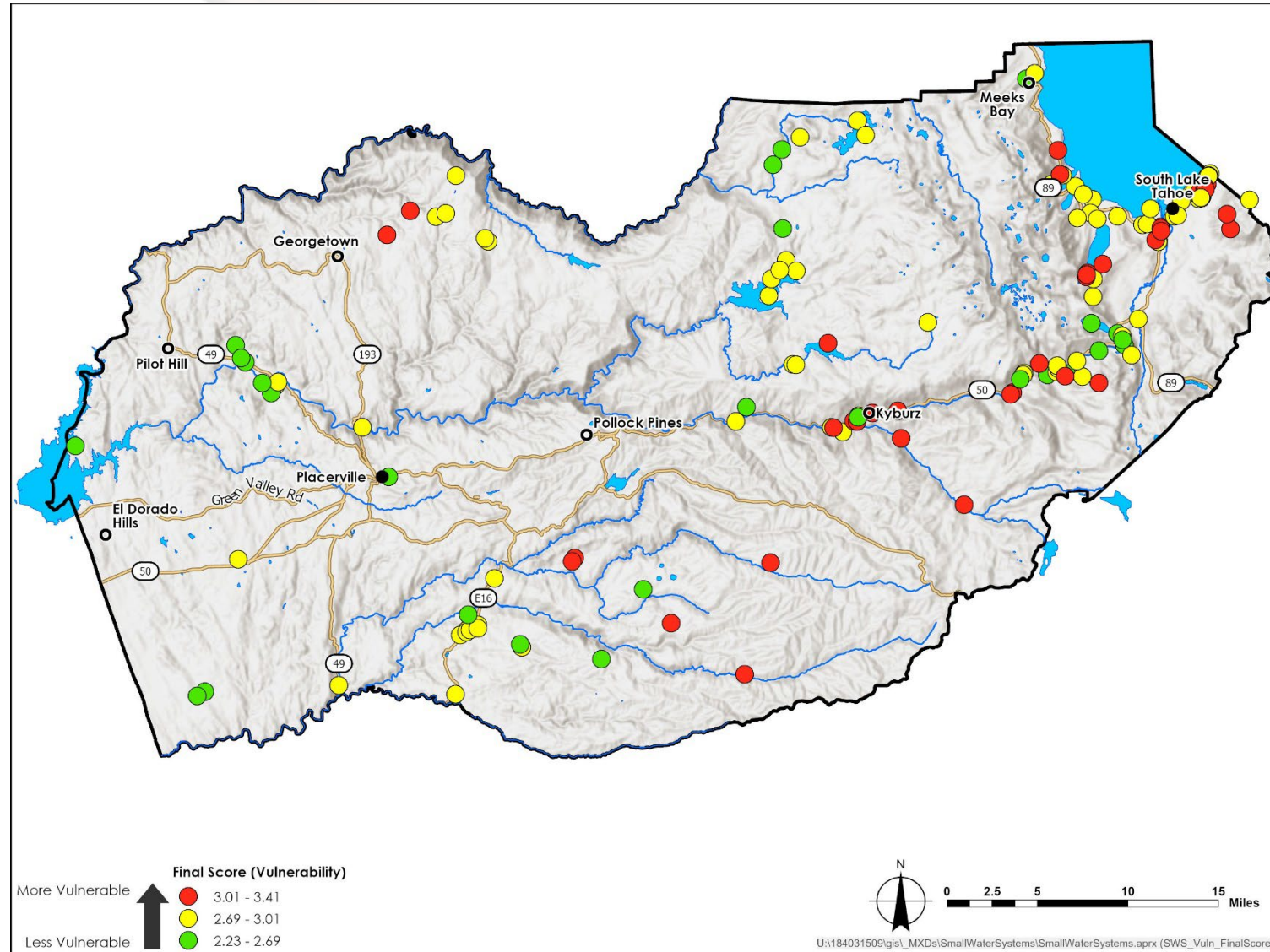
Ongoing EDWA Implementation Efforts

El Dorado County Drought Resilience Plan

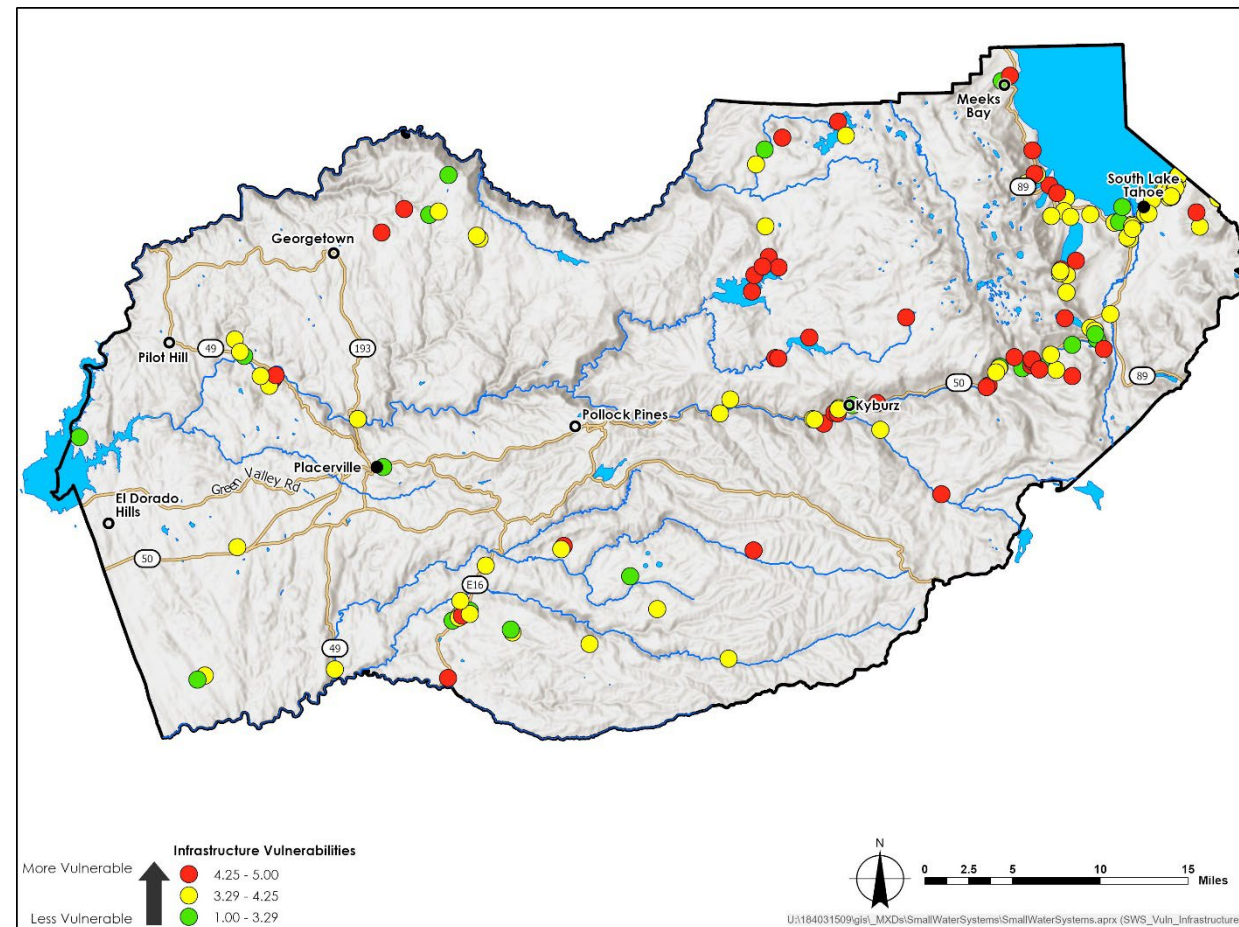
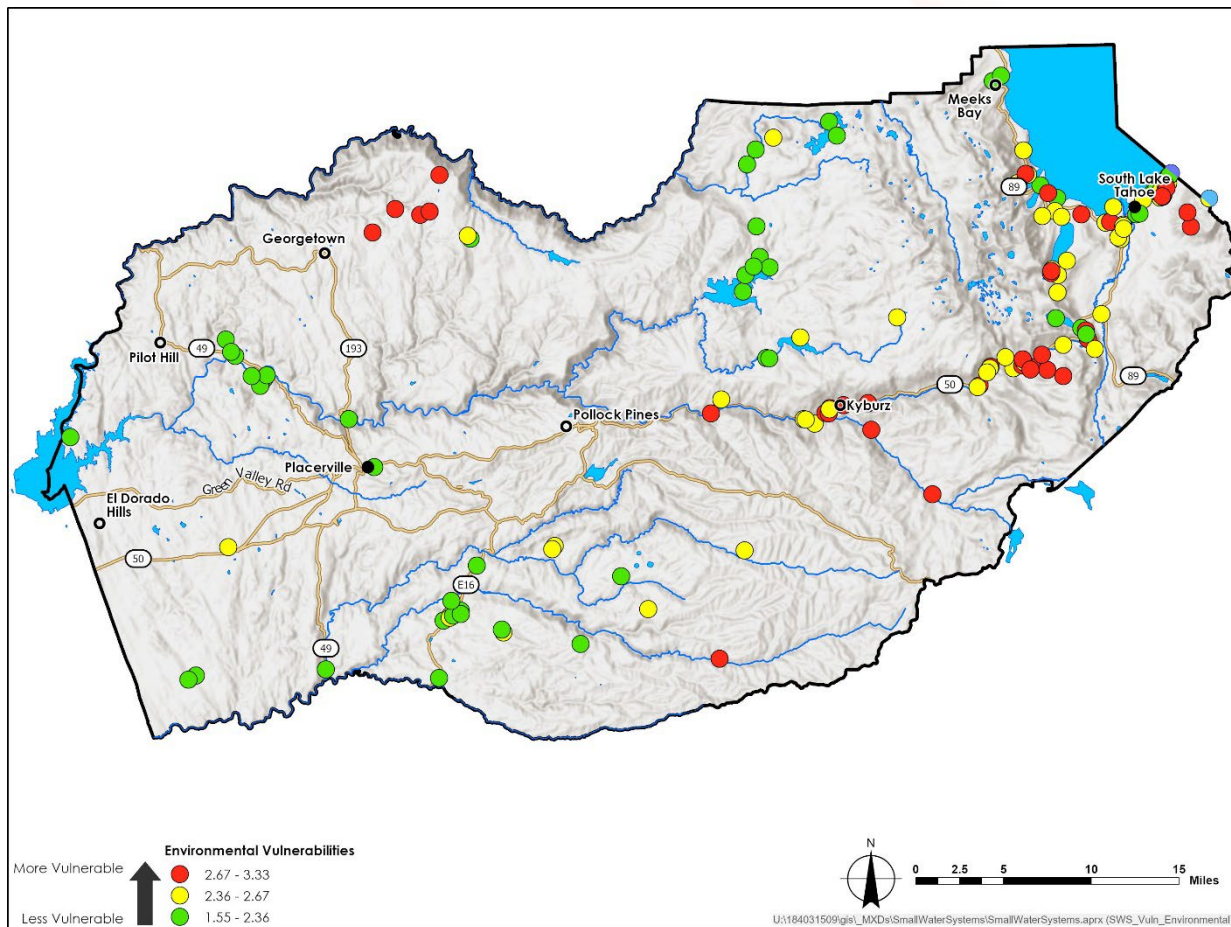
- Currently being drafted
- Will contain a risk assessment, emergency response actions, long-term mitigation actions, etc.



Risk Assessment – Final Vulnerability Score



Risk Assessment – Environmental and Infrastructure Vulnerability Category Score

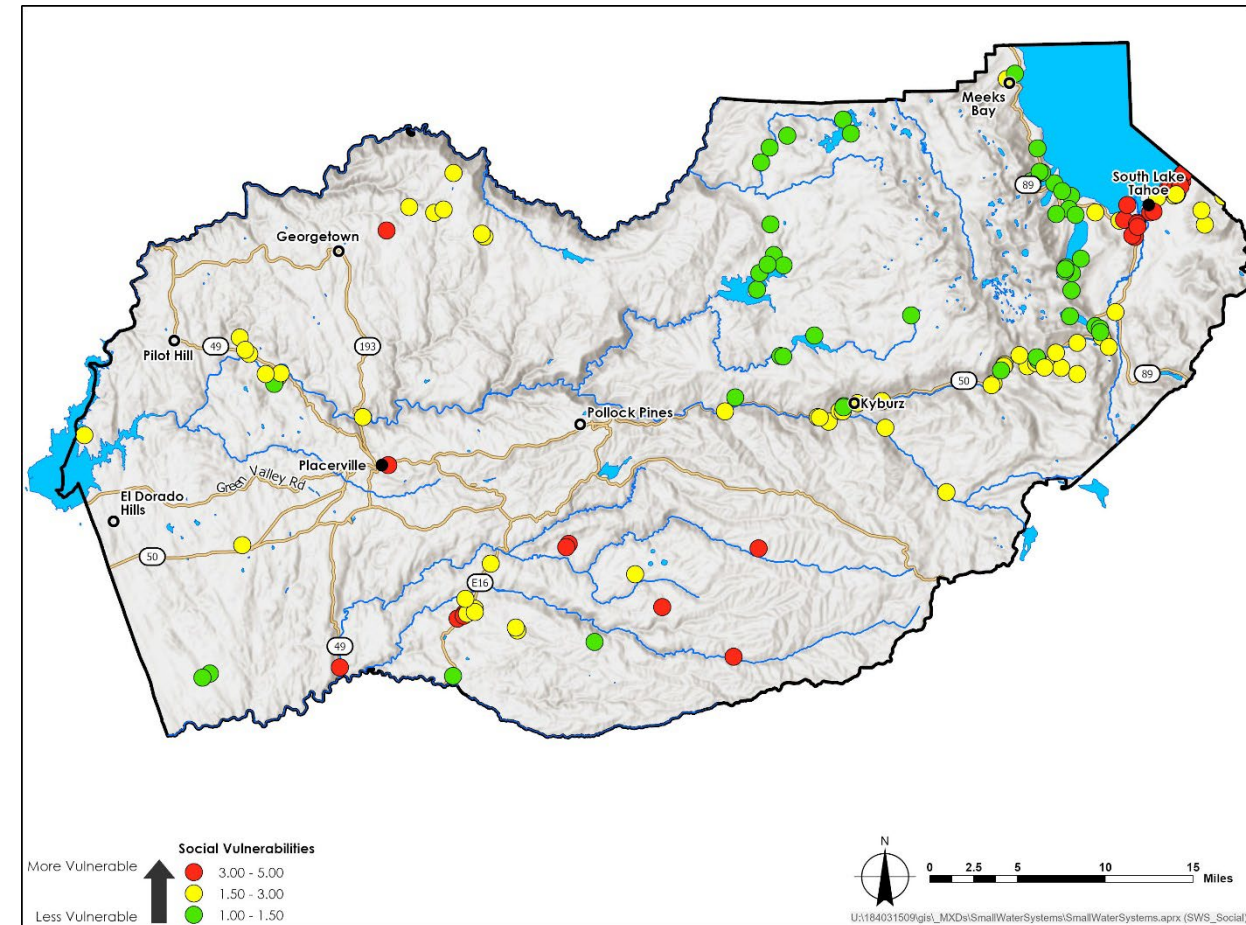
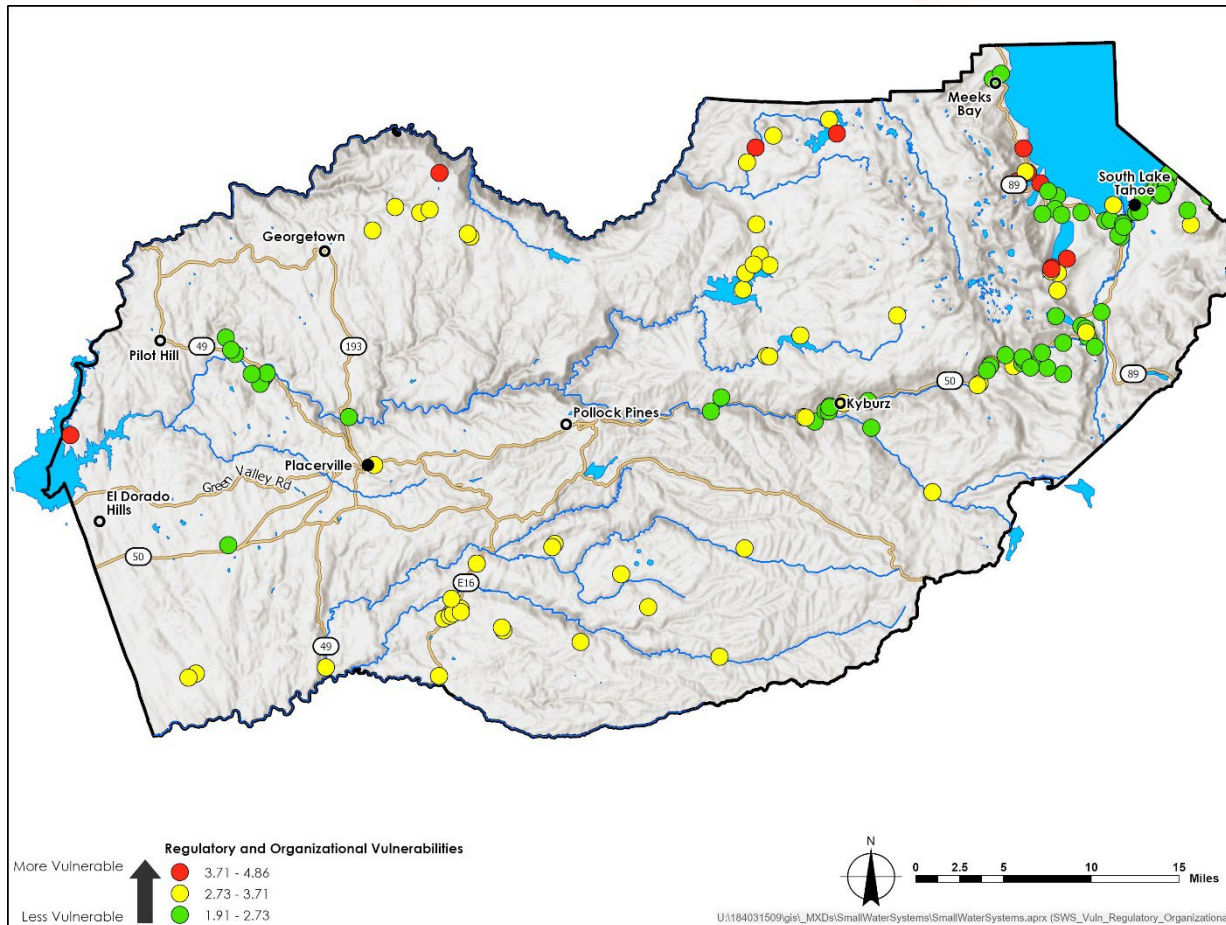


Environmental

Infrastructure



Risk Assessment – Regulatory and Social Vulnerability Category Score



Regulatory

Social





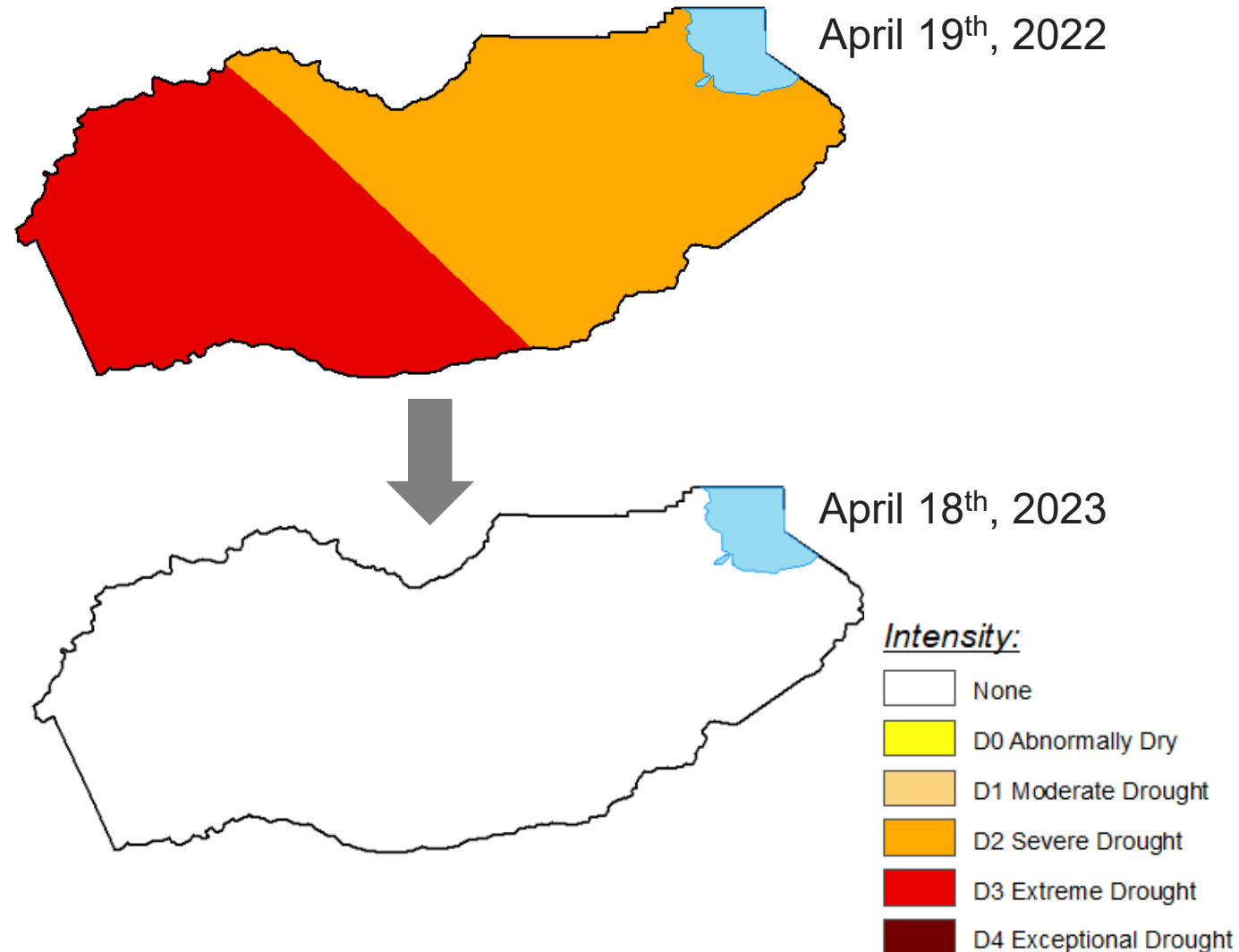
Drought Conditions and Emerging Concerns



Current Drought Conditions

On March 23, Governor Newsom rescinded some of the state's drought restrictions:

- 15% water conservation target
- Water suppliers required to activate Level 2 of their WSCPs



Emerging Problems or Concerns

Are there any existing or developing water-related problems or concerns that need to be addressed?

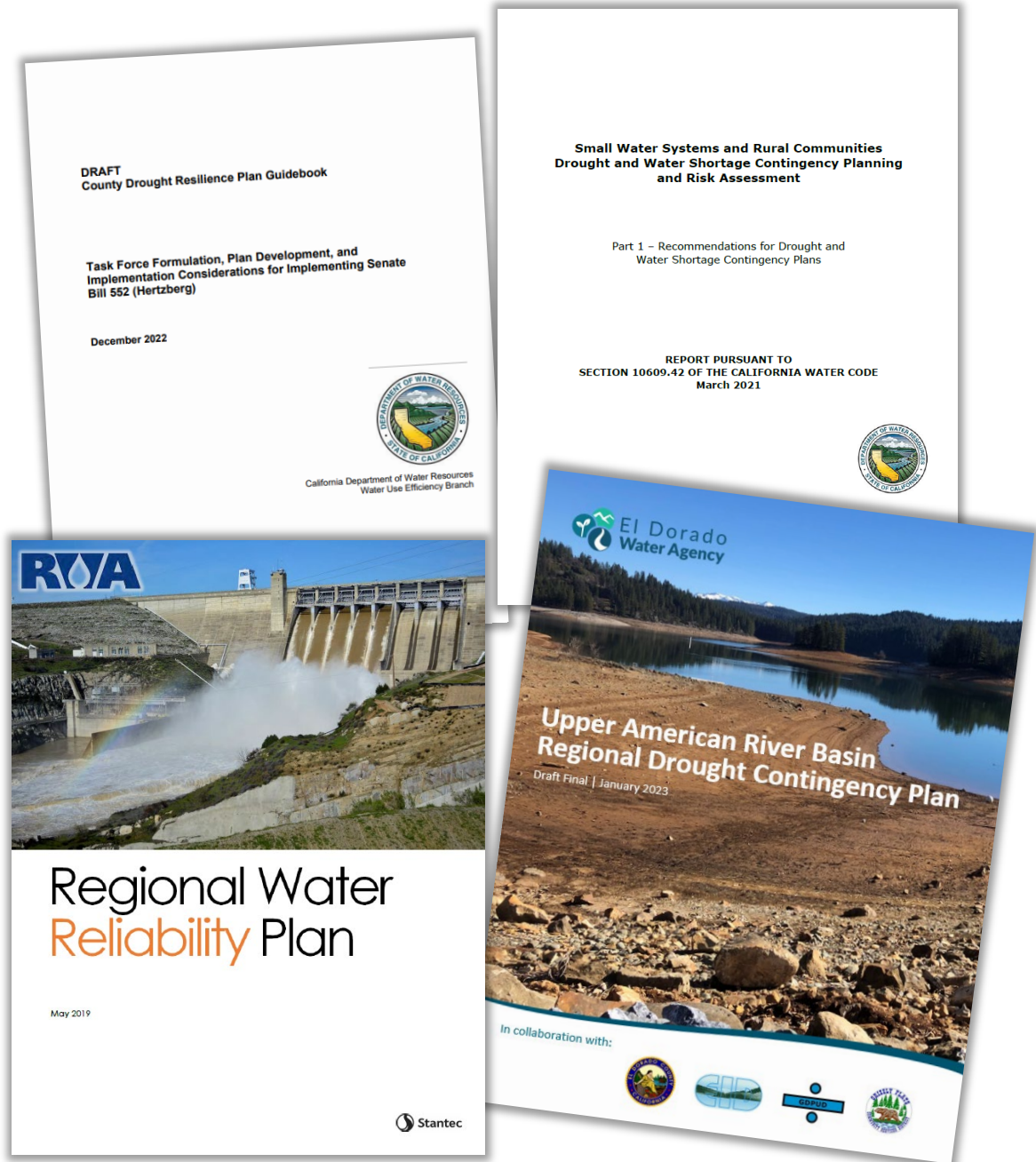




Identification of Emergency Response and Mitigation Actions

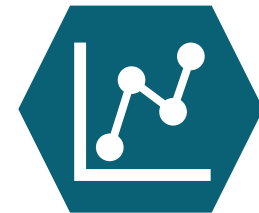
Identifying Actions

Identified 8 emergency response actions and 32 long-term mitigation actions from previous drought and water-related planning work, small water system interviews, and Task Force input.



Action Categories

- **Water Supply** (3 actions)
- **Emergency Potable Water Supply** (3 actions)
- **Water System Infrastructure** (5 actions)
- **Consolidation** (2 actions)
- **Water Use Conservation** (7 actions)
- **Data/Information** (7 actions)
- **Planning and Assistance** (9 actions)
- **Education** (4 actions)





Emergency Response Actions



Water Supply and Emergency Supply

- Treat water from non-regular sources
- *Maintain (and possibly expand) water filling station locations*
- Water trucking and bulk water hauling
- Purchase packaged or bottled water



Water Conservation and Planning

- **Enact water rationing**
- **Develop mutual aid agreements**
- **Develop and implement streamlined well permitting**
- **More frequent Task Force coordination**





Long-Term Mitigation Actions



Water Supply and System Infrastructure

- Drill new wells or deepen existing ones
- Install water treatment facilities
- Install reserve tanks
- Install emergency intertie
- Update water system infrastructure
- Line/coat canals or other conveyance infrastructure
- Install standby generator



Consolidation

- Pursue physical consolidation
- Pursue managerial consolidation



Source: SWRCB's California Water Partnership Map



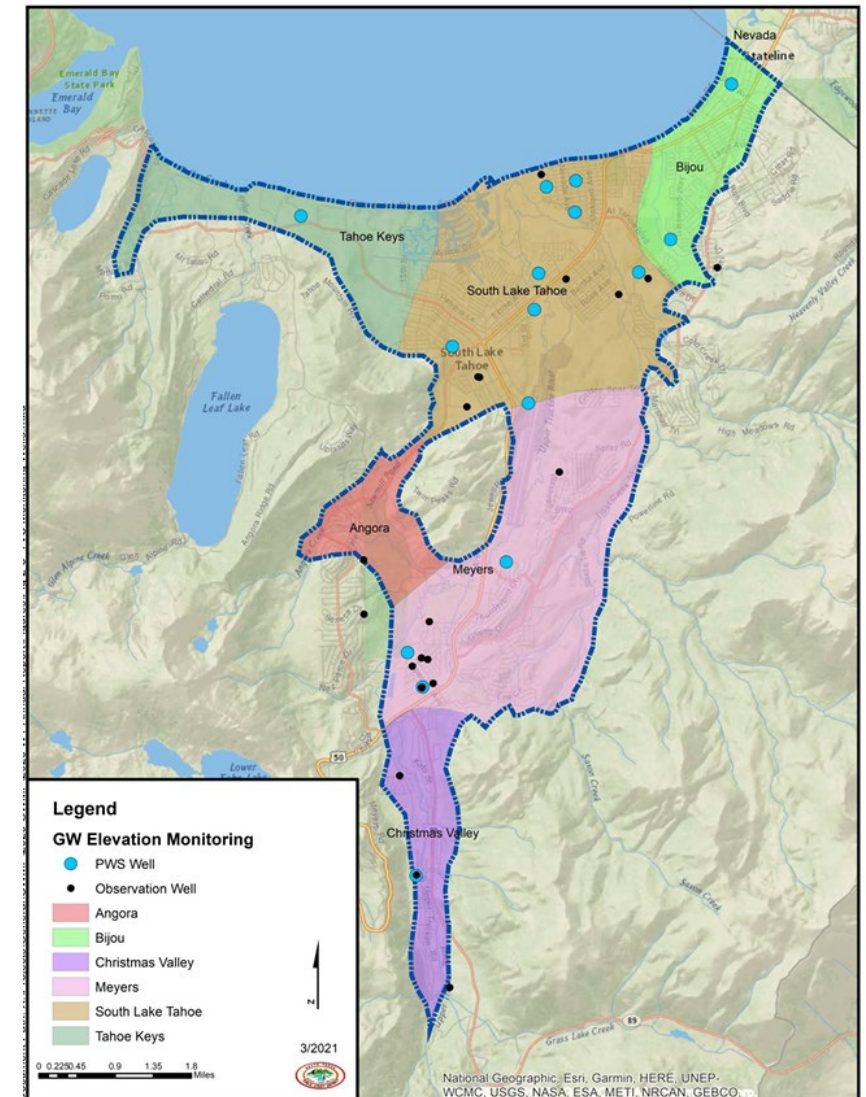
Water Conservation

- Encourage and implement water conservation measures
- Install flow meters
- Improve leak reporting and response programs
- *Conduct water loss audits*
- Improve efficiency of existing irrigation systems
- Implement volumetric rate structure



Data/Information

- Install groundwater level monitoring devices
- Establish well monitoring network
- Develop dry well reporting system
- Update County website with drought resources
- Update the Agency's online mapping and data portal
- Maintain accurate SWS service area boundaries
- Update County permits/forms to collect relevant information



Planning and Assistance

El Dorado County Local Hazard Mitigation Plan



EL DORADO COUNTY SHERIFF



OFFICE OF EMERGENCY SERVICES

July 2018

Adopted by FEMA, March 2019
EDC Board Of Supervisor's Adoption, April 23, 2019

- **Develop and maintain drought preparedness or Water Shortage Contingency Plans**
- **Develop and maintain emergency response or drinking water distribution plan**
- **Update the County's Local Hazard Mitigation Plan**
- ***Perform an annual drought supply evaluation***
- **Provide technical assistance for SB 552 compliance**
- **Support and assist with funding opportunities**



Education

- Support SAFER's Water Partnership Training Program
- Support the Rural Community Assistance Corporation's training and workshops
- Educate residents about water conservation
- Educate customers about the resources available during drought or water shortage events

Natural Disasters - Forest or Brush Fires Hazards



Damage watersheds

Damage water system structures

Strain water supplies and systems





Moving Forward



Next Meeting

Fall 2023

- Review draft of County Drought Resilience Plan
- Discuss funding opportunities for small water systems
- Identify any emerging water-related problems or concerns





Thank you!