



**Sustainable Groundwater
Management Act
San Diego River Valley
Groundwater Basin**

July 6, 2016

Lakeside Community Planning Group Meeting

Sustainable Groundwater Management Act of 2014



Intent: “to strengthen local groundwater management and monitoring of local groundwater basins most critical to the state’s water needs.”



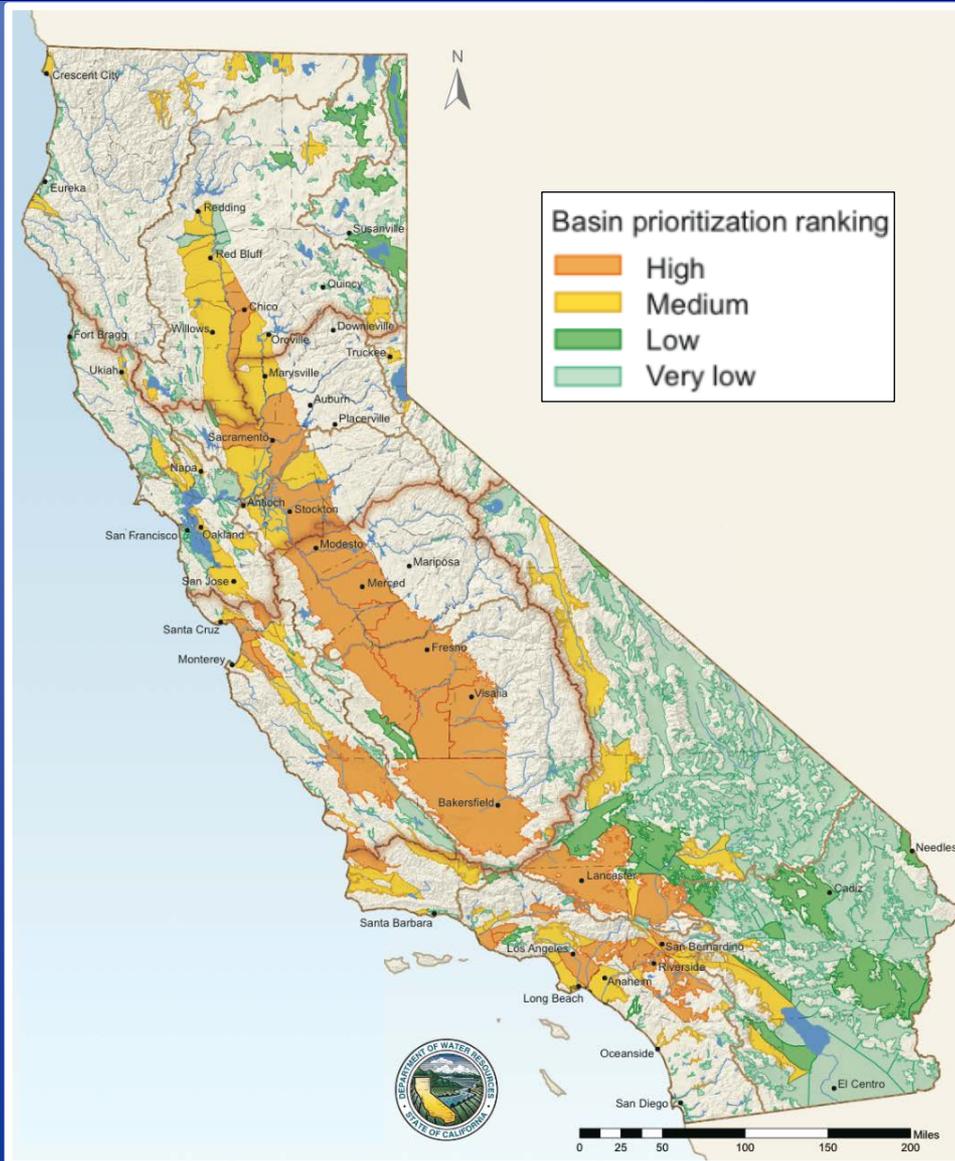
Legislative Context

Why Now?

- Extended Drought Conditions
- Diminished Surface Water Supplies
- Increased Groundwater Pumping
- Increasing Groundwater Impacts
- Subsidence Concerns

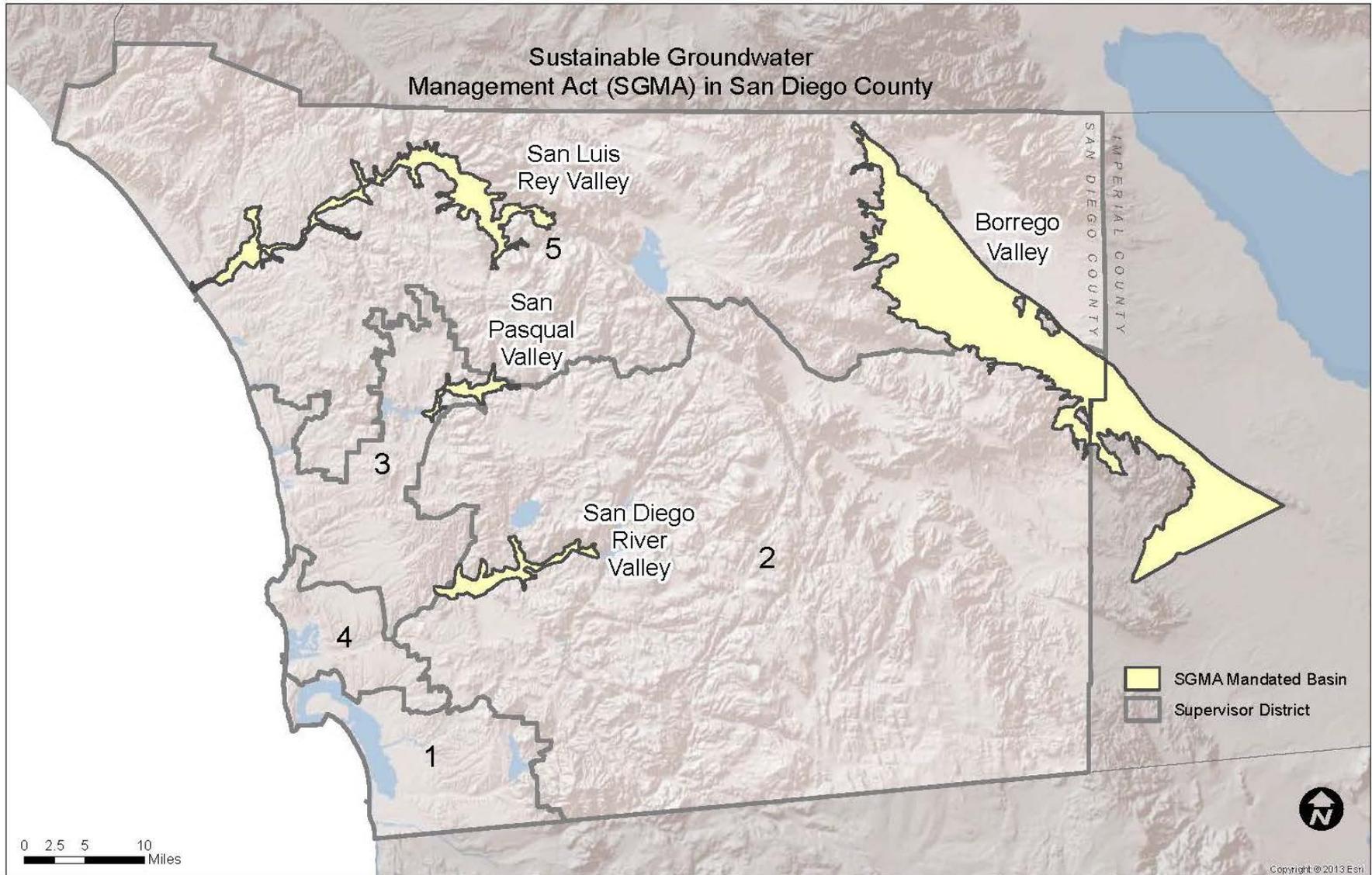


Statewide Areas Affected by SGMA

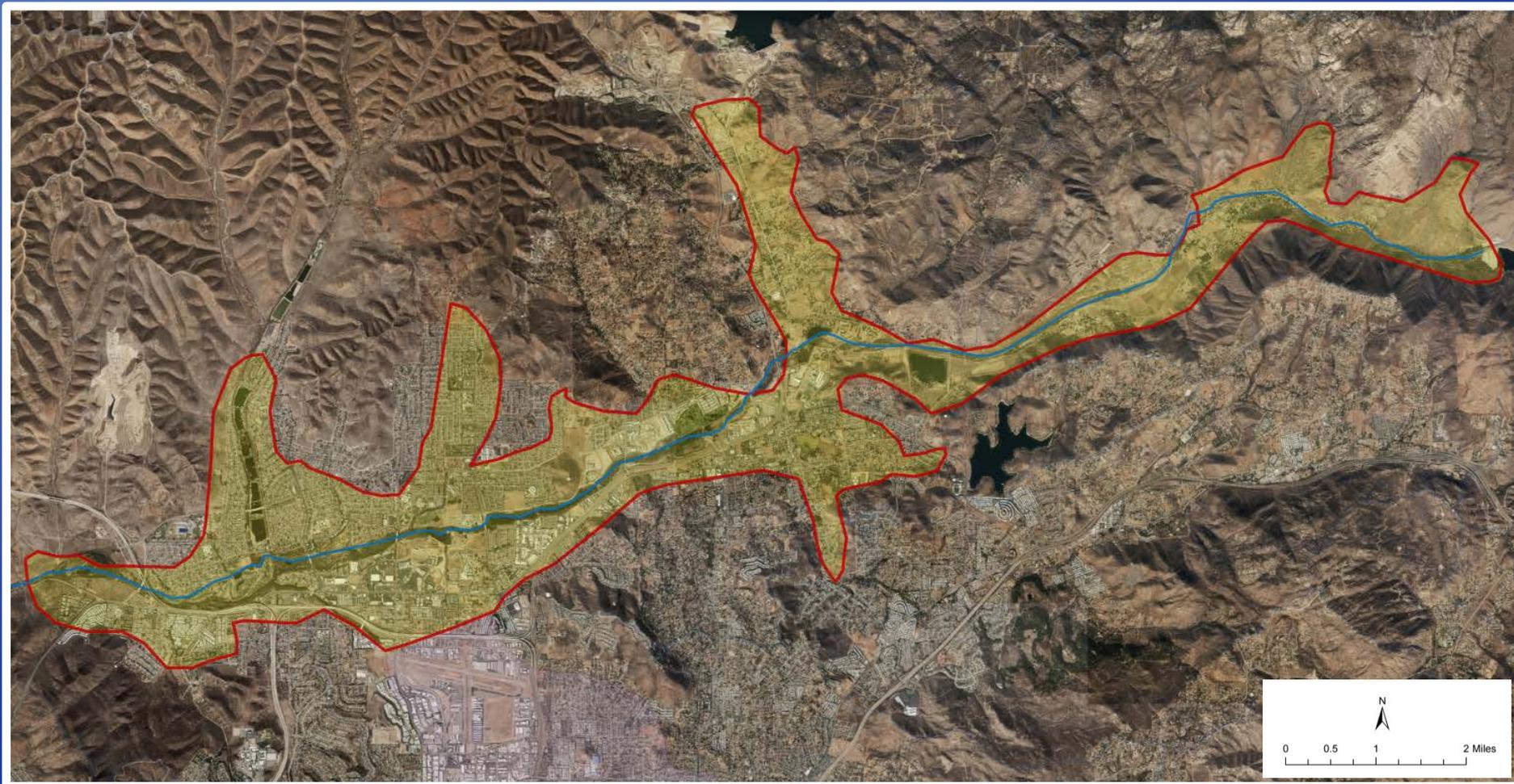


- 127 basins ranked medium or high priority
- Basins required to be sustainably managed by local public agencies

San Diego County SGMA Basins



San Diego River Valley Groundwater Basin



State-Mandated Deadlines



Deadline	Action
June 30, 2017	Formation of Groundwater Sustainability Agencies (GSAs)
January 31, 2022	Completion of Groundwater Sustainability Plan. DWR has up to two years to review the Plan.
20 years after implementation of plan	Basins achieve sustainability

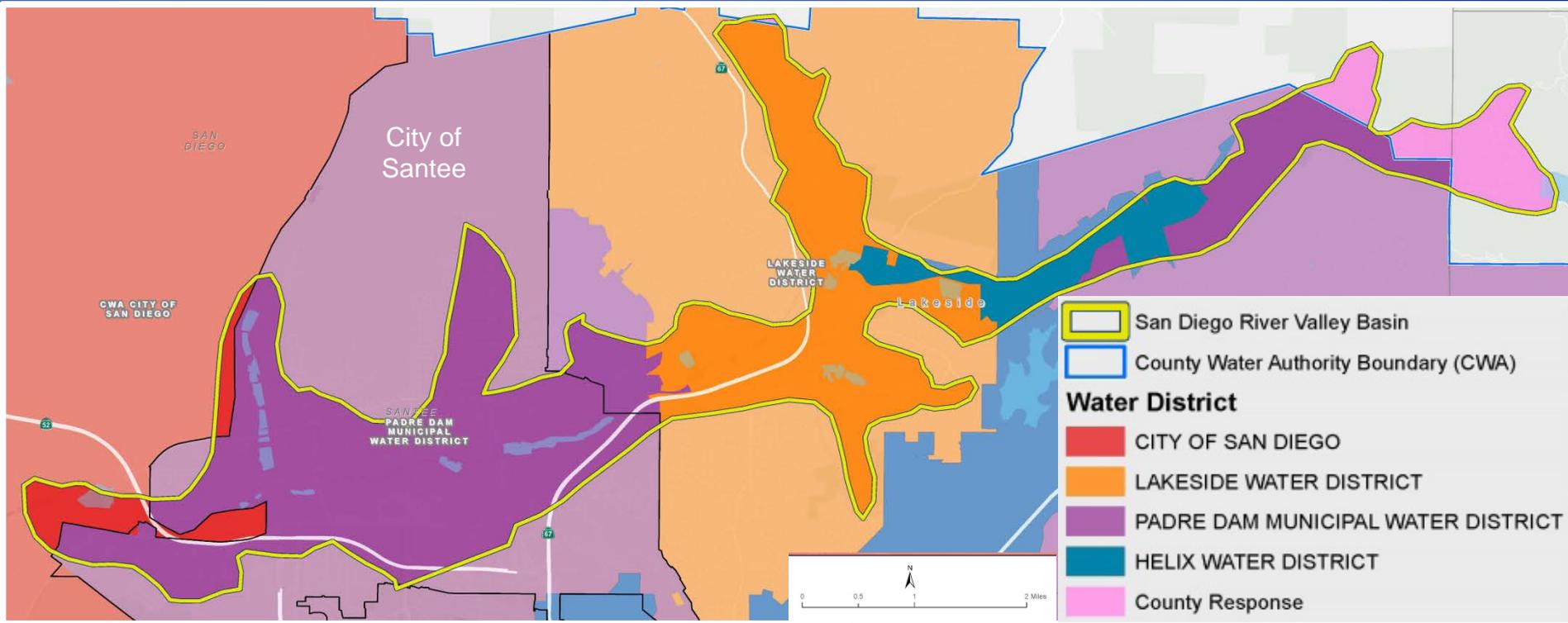
State intervention may occur if deadlines are not met

Groundwater Sustainability Agencies Formation



- Local agency or agencies may form Groundwater Sustainability Agency (GSA)
- “Local Agency:”
 - local public agency with water supply, water management, or land use responsibilities within a groundwater basin
- Counties presumed responsible for all areas not otherwise covered
- Must be formed by June 30, 2017

Groundwater Sustainability Agencies Formation



Public Outreach



Develop a comprehensive public outreach program:

- Work with other Groundwater Sustainability Agencies to identify/engage all potential interested stakeholders
- County to maintain interested persons list
- Notices will be given regarding meeting announcements, plan preparation, availability of draft plans, maps, and other relevant documents.

Groundwater Sustainability Plans



- Department of Water Resources Groundwater Sustainability Plan Regulations adopted May 2016
- Plans must cover the entire basin
- Achieve sustainability in 20 years
- Interim milestones every 5 years
- Plans are exempt from California Environmental Quality Act (implementation is not)

Groundwater Sustainability Plans



What is Sustainable Groundwater Management?

Manage groundwater to prevent “undesirable results” (significant & unreasonable standard):

- Chronic lowering of groundwater levels
- Reduction of groundwater storage
- Seawater intrusion
- Degraded water quality / contaminant plume migration
- Land subsidence
- Depletions of interconnected surface water

Groundwater Sustainability Plans



Potential Groundwater Management Tools

- Register/Meter Groundwater Wells
- Measure Extractions and Water Levels
- Require Extraction/Water Level Reports
- Set Well Extraction Limitations
- Assess Fees

State Role



Department of Water Resources:

- Basin Boundary Adjustments
- Groundwater Sustainability Plan Components
- Proposition 1 - \$100 million to assist in implementation
- Review/Approve Groundwater Sustainability Plans

State Water Resources Control Board:

- If deadlines are exceeded for formation of Groundwater Sustainability Agencies or completion of a Plan, State may intervene
- Designate basin as “probationary”
- The State would have authority to prepare a Plan and manage the basin

Land Use Coordination



- County General Plan and Zoning
- Future Discretionary Development Projects
- Groundwater Ordinance

Next Steps



- Board of Supervisors Hearing Date: August 3, 2016
- Develop Legal Agreement(s) with Other Groundwater Sustainability Agencies

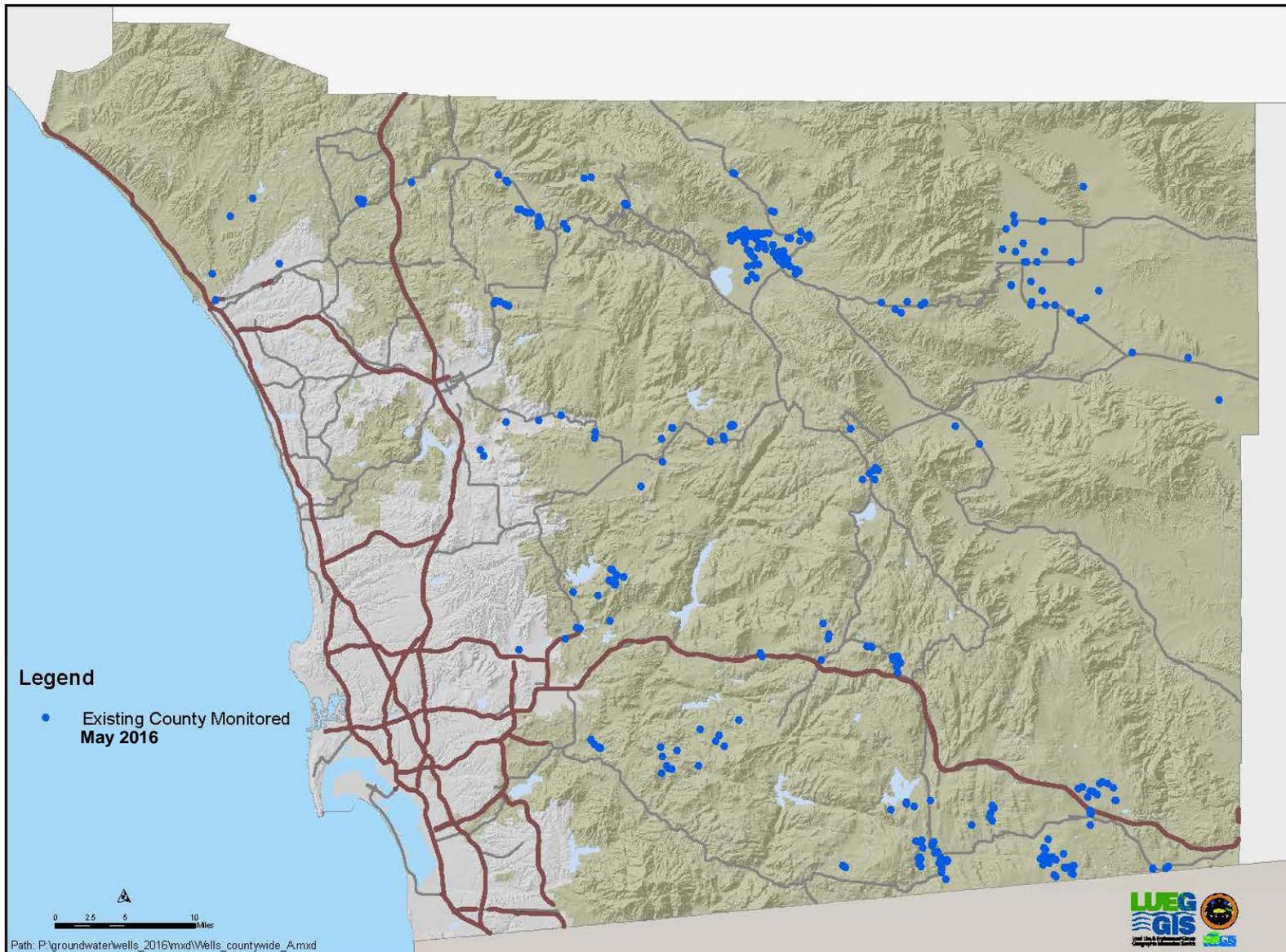


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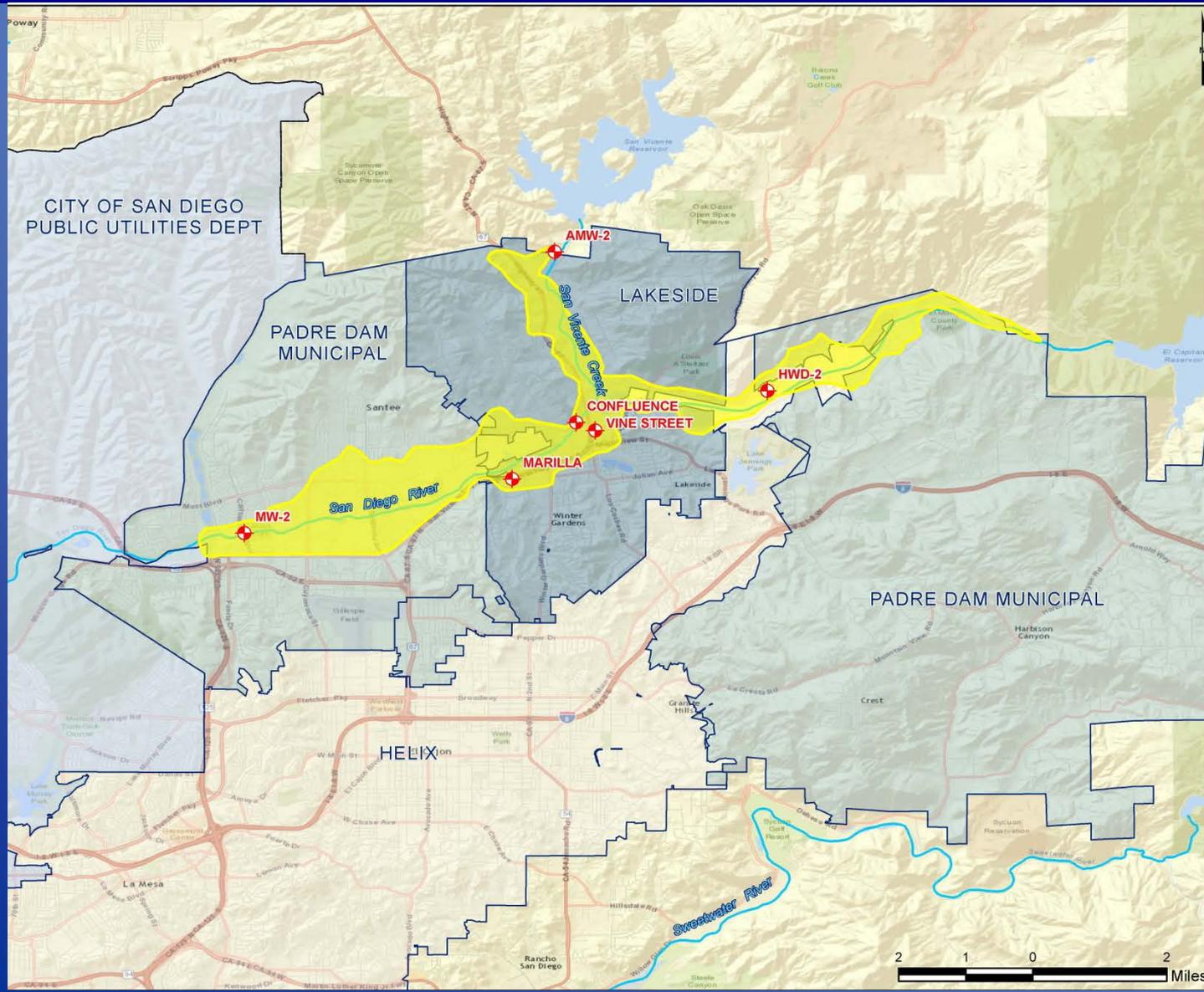
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County Groundwater Monitoring Network



CASGEM Well Network San Diego River Valley Basin



San Diego River Valley Basin CASGEM Well Network

- ◆ CASGEM Wells
 - San Diego River Valley Basin
- Water District
- Helix
 - Padre Dam Municipal
 - Lakeside
 - City of San Diego Public Utilities Dept



San Diego River Valley Basin
Voluntary Cooperative Groundwater Monitoring Association



Figure 1
July 2015

