

Groundwater Workshop

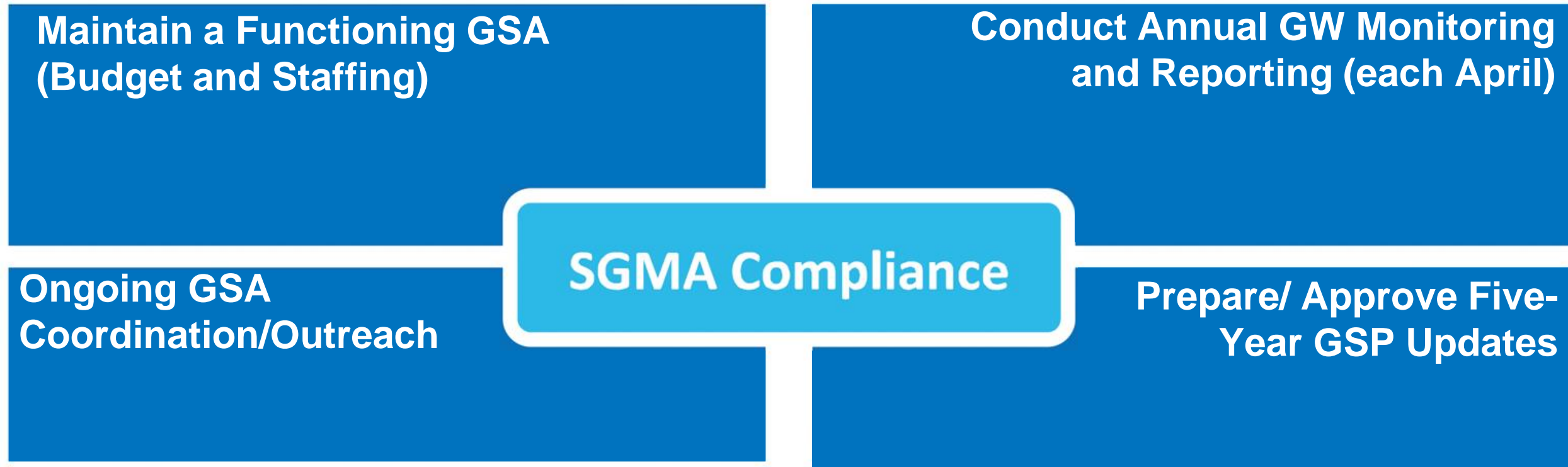
January 24, 2023

Welcome to the Solano Subbasin



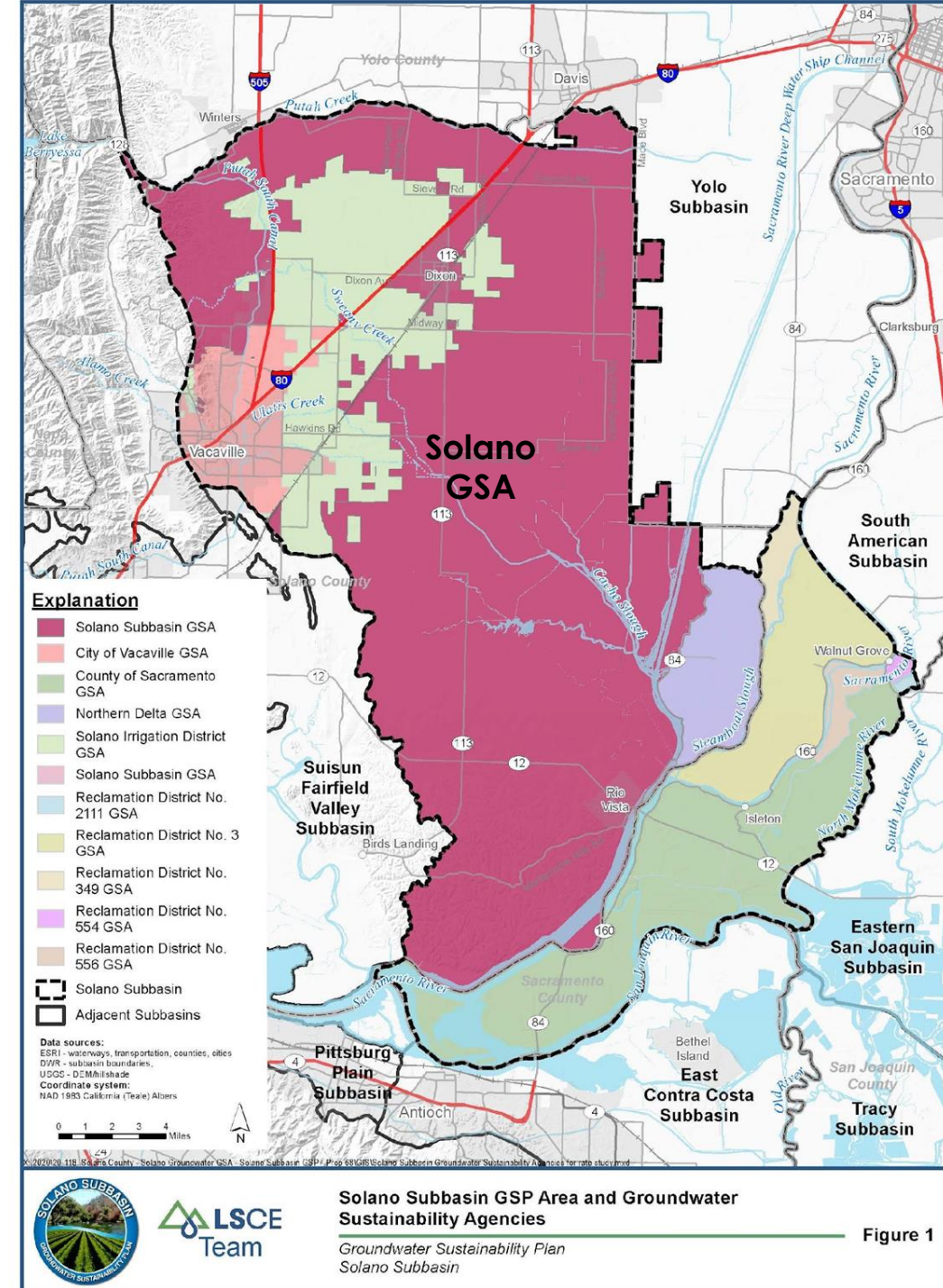
Chris Lee
Solano County Water Agency/Solano Groundwater Sustainability Agency

California SGMA Requirements



Solano Subbasin is Comprised of Multiple GSAs

- Groundwater Sustainability Plan (Plan Area)
- Find out if you are located in the Solano Subbasin: solanogsp.com/solano-subbasin/



Solano Collaborative



City of
Vacaville
GSA
City Council



Sacramento
County GSA
Board of
Supervisors



Solano
Irrigation
District
Board of
Directors



Solano
Subbasin
GSA
Board of
Directors

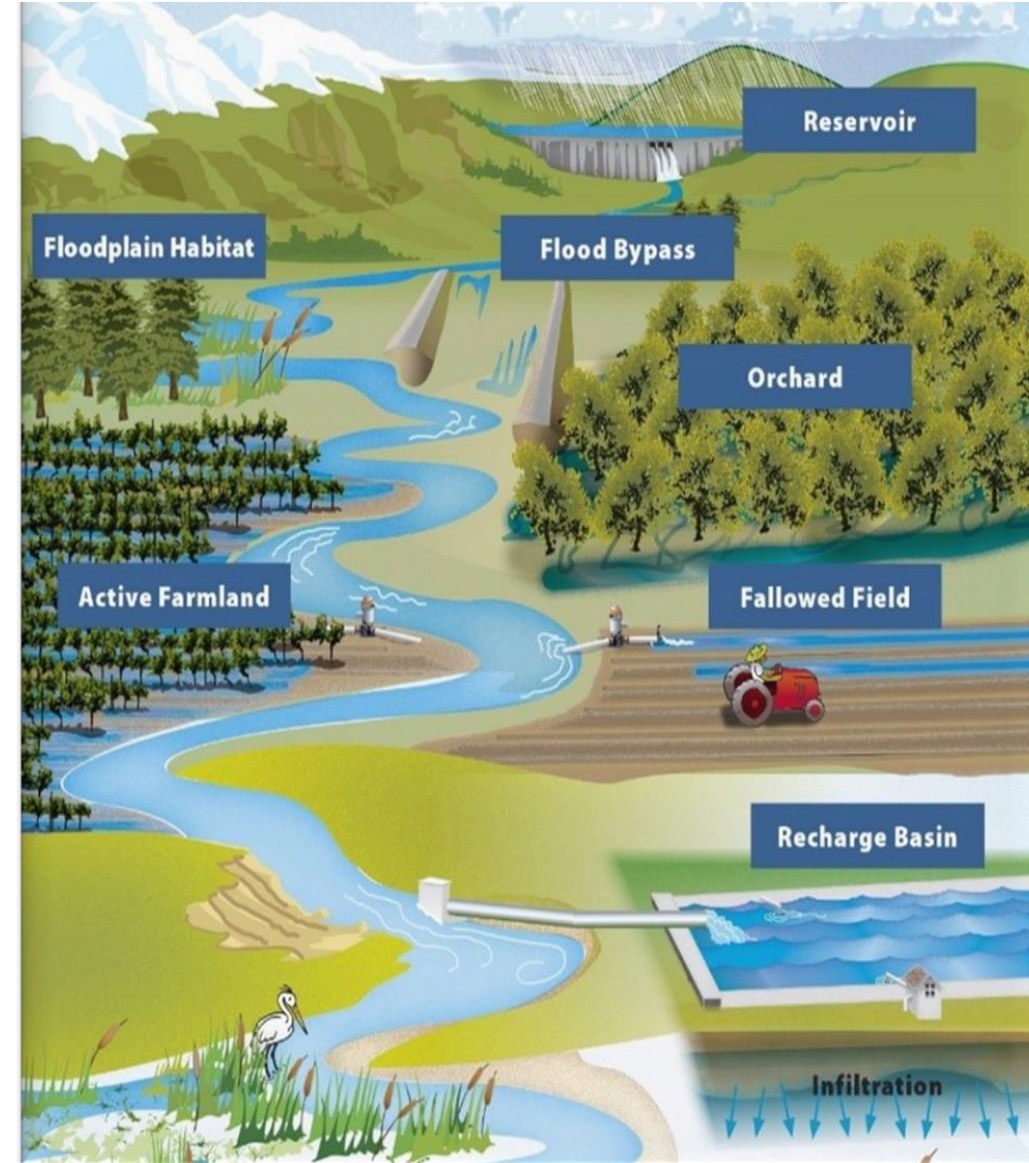


Northern
Delta GSA
Board of
Directors

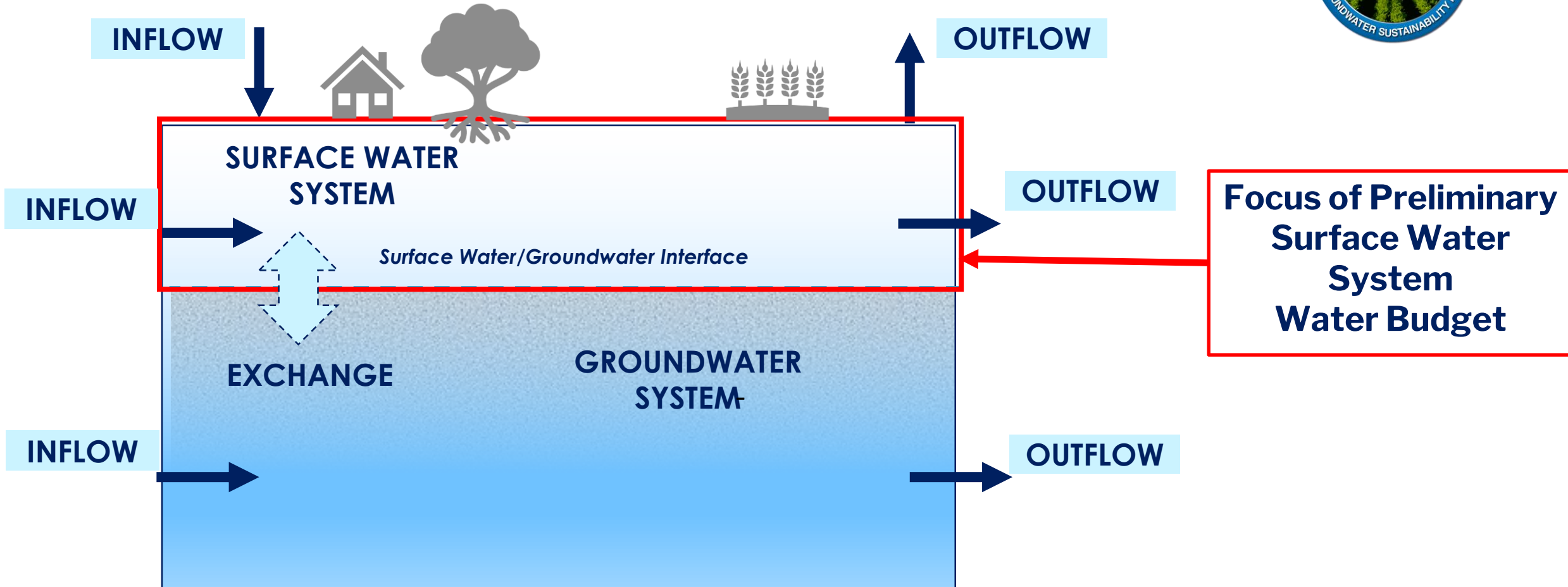
Independent Reclamation District (RD) GSAs; RD 3, RD 349, RD 555, RD 556, RD 2111, RD 317

GSP Implementation: Ongoing Activities

- Annual Reports and Five-Year Updates
- Tracking Groundwater Conditions
- Projects and Management Actions
- Outreach
- Grant Opportunities



Water Budget Schematic: Preliminary Surface Water System Water Budget

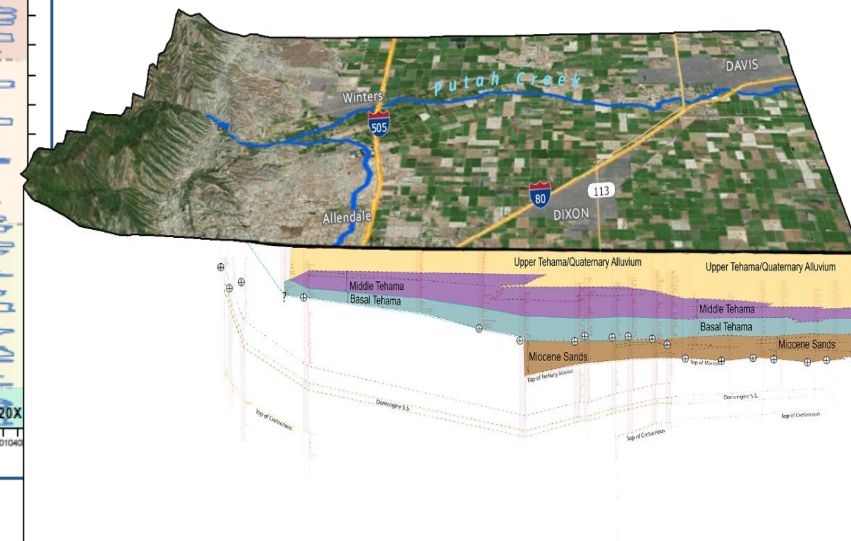
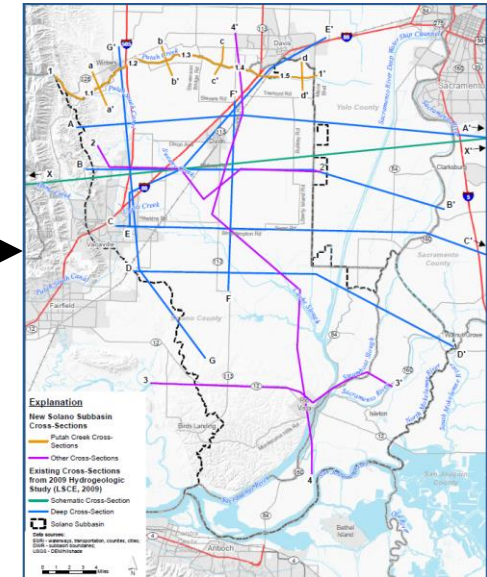
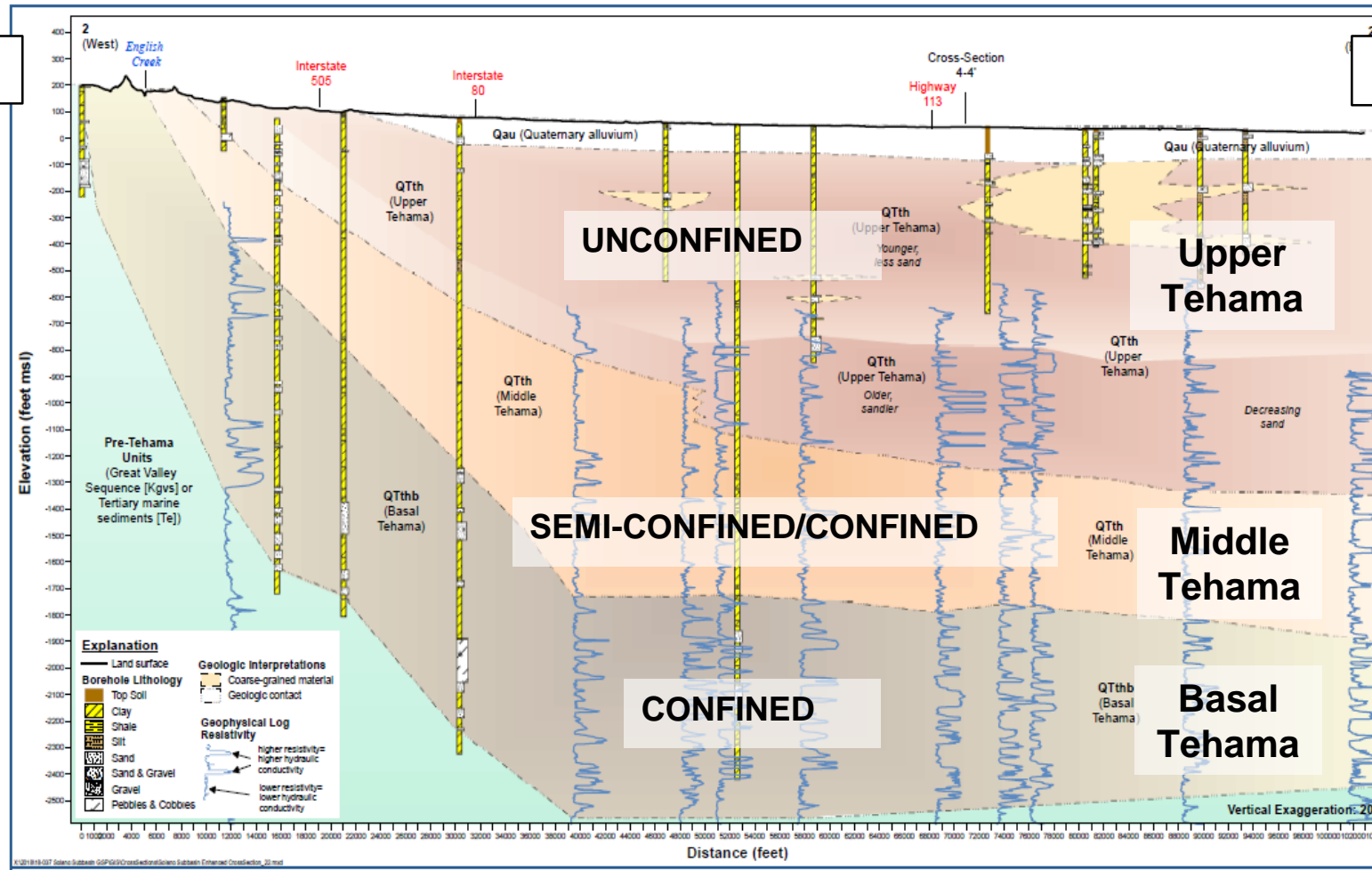


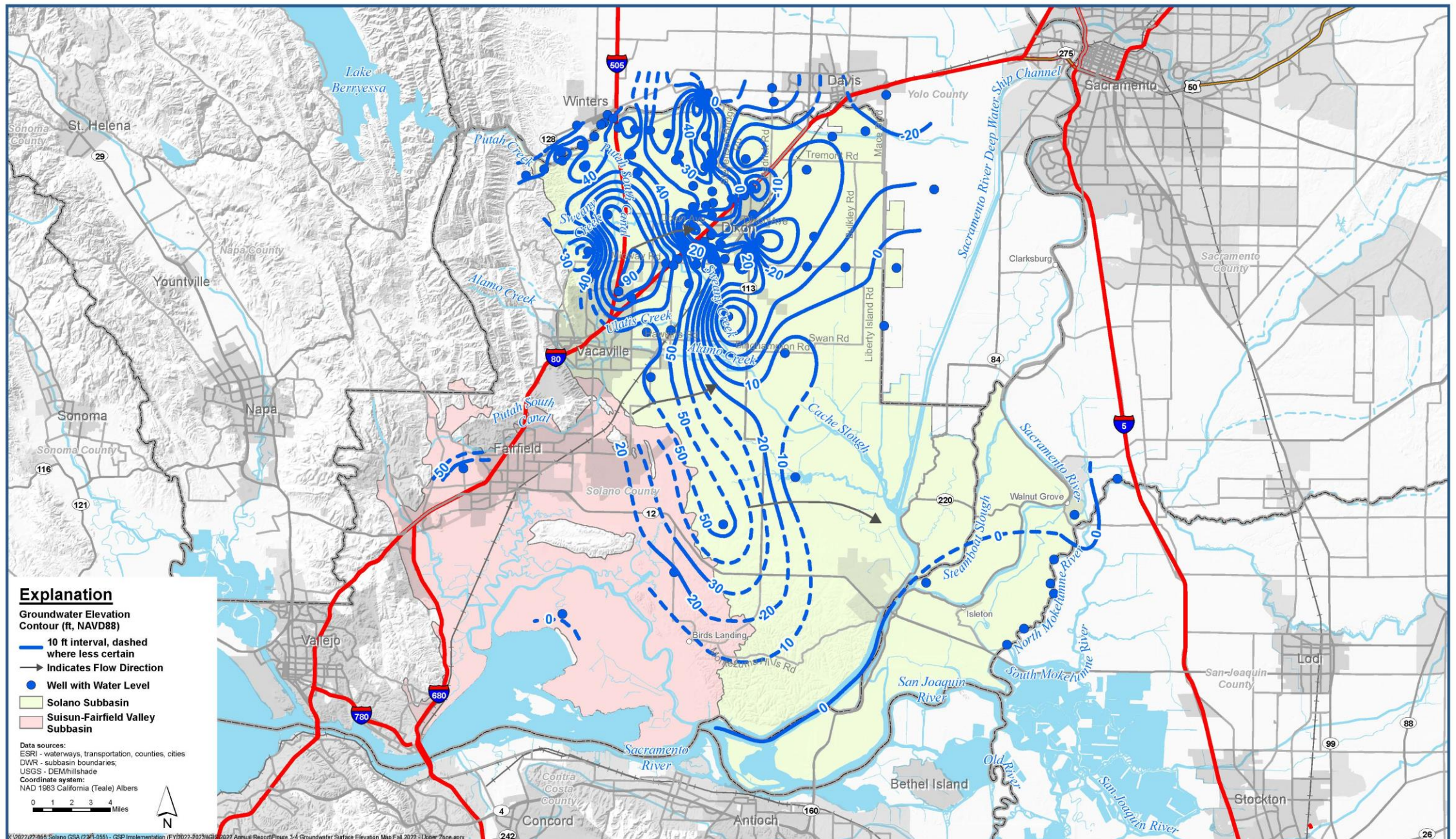
Geologic Cross Section-2-2'



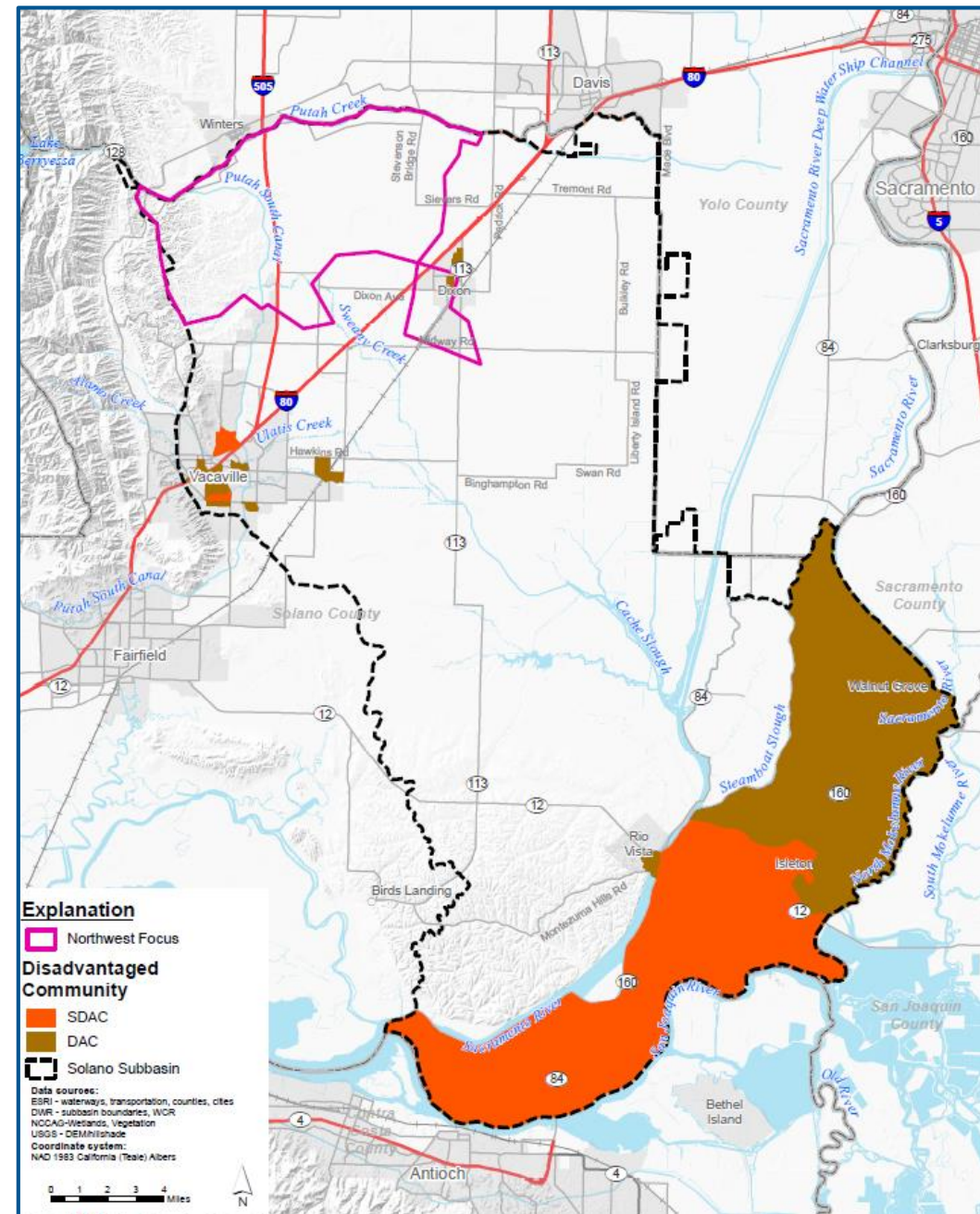
West

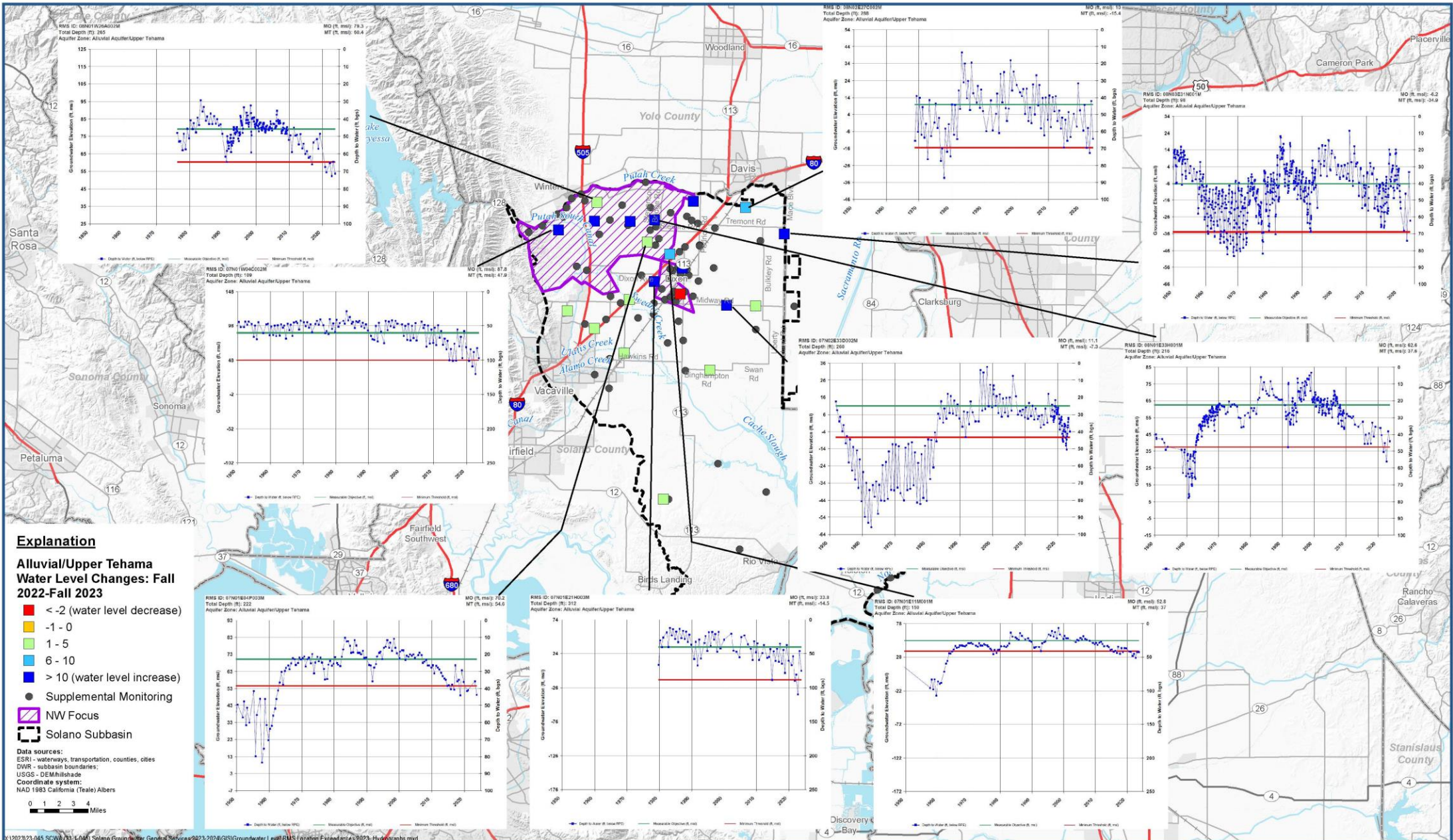
East





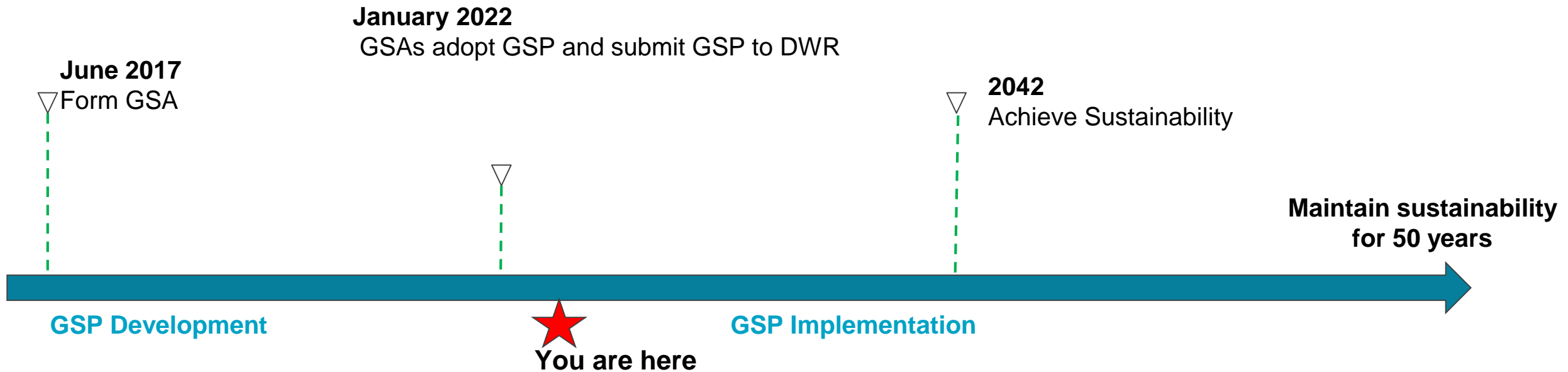
Northwest Focus Area





Solano Subbasin – Long-Term Funding Strategy

SGMA Timeline



Occurring throughout:

- Outreach & Engagement
- Monitoring & Adaptive Management
- Annual reports and 5-year updates

Proposition 68 Grant-Awaiting Final Grant Agreement

Grant Funding Requests			
Project Title	Cost	Component Ranking	Comments
Component 1- Grant Administration	\$391,000	5	Currently assumes maximum allowable at 10%
Component 2- GSP Monitoring and Data Management Enhancements	\$970,000	2	
Task 1: Monitoring Enhancements and Addressing Monitoring Data Gaps	\$340,000		
Task 2: Data Management System Enhancements	\$250,000		
Task 3: Interconnected Surface Water (ISW) and Groundwater Dependent Ecosystems (GDEs) and Putah Creek Projects	\$380,000		
Component 3- Supporting Groundwater Use Management Actions	\$1,075,000	3	
Task 1: Improving Understanding of Basin Water Use	\$375,000		
Task 2: Local Water Conservation and Management	\$400,000		
Task 3: Groundwater Management Policy- Positioning for the Future	\$300,000		
Component 4- Water Supply Replenishment and Reliability Projects	\$900,000	4	
Task 1- Recharge Study – Targeted Augmentation	\$600,000		
Task 2- Localized Groundwater Conditions Evaluation (near Lake Solano)	\$150,000		
Task 3- City of Vacaville Recycled Water Planning	\$150,000		
Component 5- GSP Implementation, Outreach, and Compliance Activities	\$965,000	1	
Task 1- Prepare Annual Reports	\$400,000		Annual reports WY 2022-2025
Task 2- Modify GSP in Response to DWR Determination	\$15,000		
Task 3- Five-Year GSP Update	\$325,000		Due January 2027, grant funding expires April 2026; approx. 50% of total cost included
Task 4- Stakeholder Engagement and Community Outreach	\$225,000		
Total Funds Requested	\$4,301,000		

Multiple ways to stay involved



Ongoing outreach via:

- Website: SolanoGSP.com
- Newsletters
- Press Releases
- Town Halls
- Events in partnership with RCDs
- Individual GSA Board meetings

Work with beneficial user groups includes:

- Projects and Management Actions
- Inter-basin Coordination
- Intra-basin Coordination
- Tribes
- Disadvantaged Communities

GSP Monitoring Webmap

- Initial tool to support stakeholder communications
- No sensitive well information included, limitation on zooming capability to obfuscate well locations
- Further enhancements planned in grant application
- Letter to landowners in early February
 - Link to webmap
 - No action required



THANK YOU