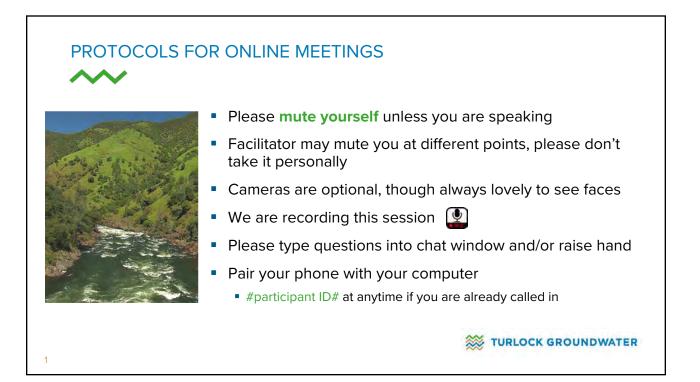
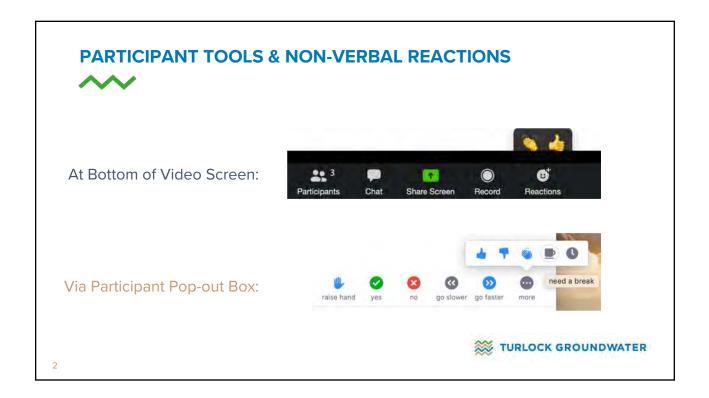


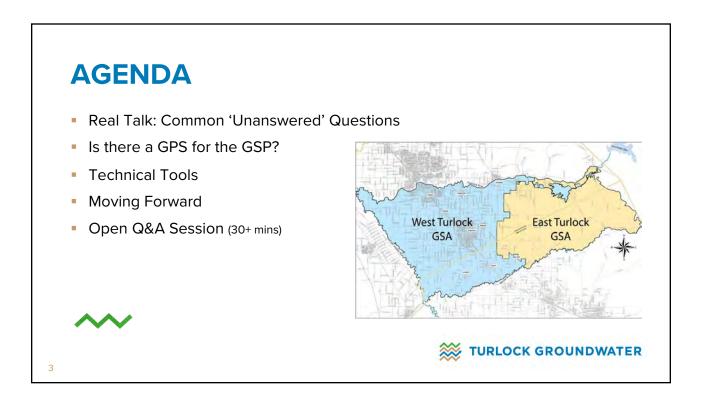
VIRTUAL COMMUNITY MEETING ON GROUNDWATER SUSTAINABILITY PLAN DEVELOPMENT

July 8, 2020

Funding for this project has been provided in full or in part from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and through an agreement with the State Department of Water Resources.







POLL:

WHICH CATEGORY BEST FITS YOU IN THIS GROUNDWATER BASIN?

Select all that apply

- Farmer / Rancher
- Municipal Water Customer
- Commercial / Industrial Water User
- Private Domestic Well User
- Tribal Government / Organization
- Non-governmental Organization
- Government Agency
- Academia

4

Other Interested Party



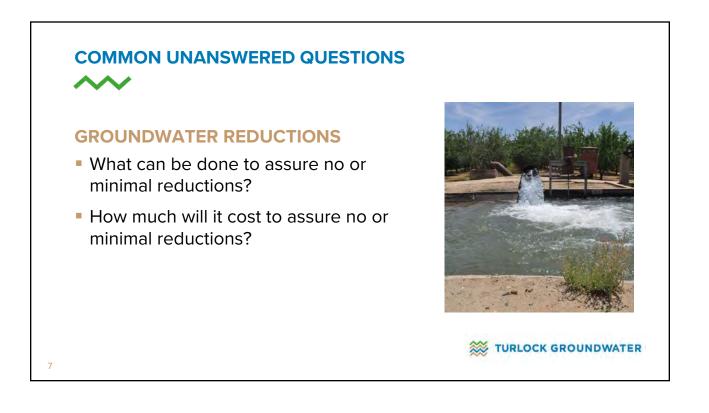
COMMON UNANSWERED QUESTIONS

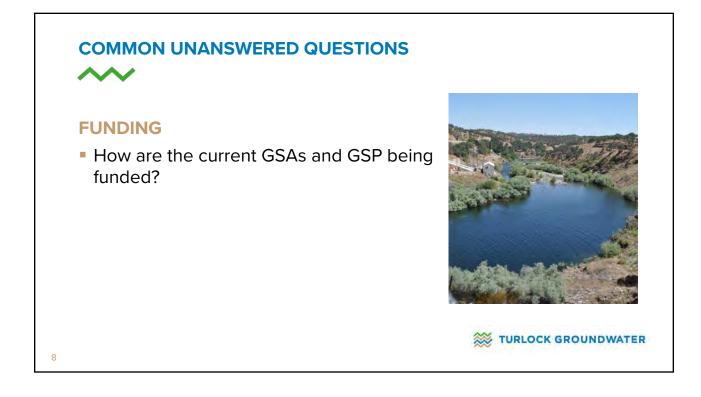
- Will I get to pump GW for the next "X" years?
- If yes, can I pump at the same rate I am pumping today?
- If no, can I expect 10, 15, 20, 25% reductions?

6

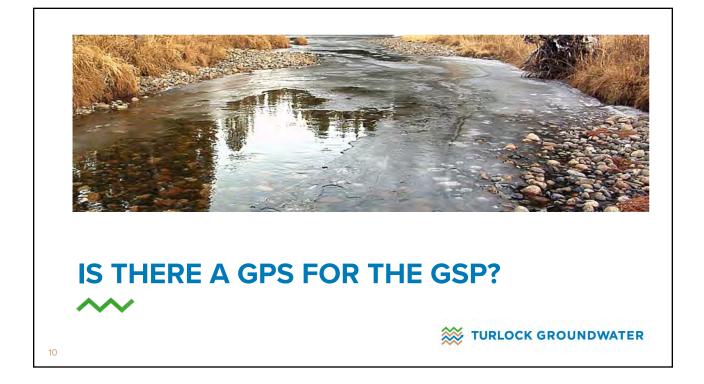


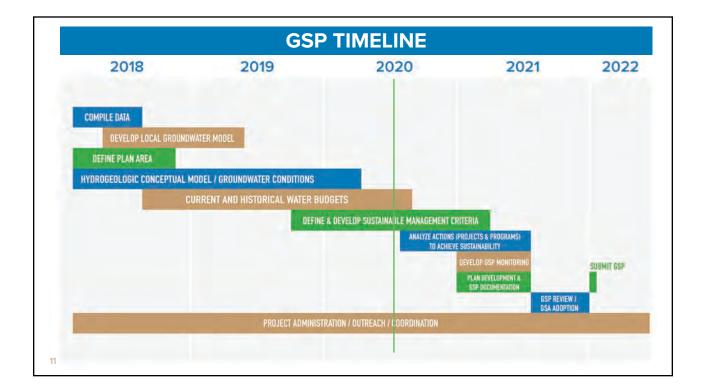
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TURLOCK GROUNDWATER
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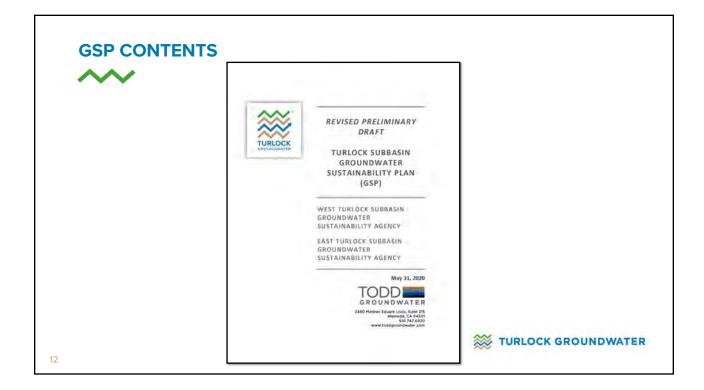




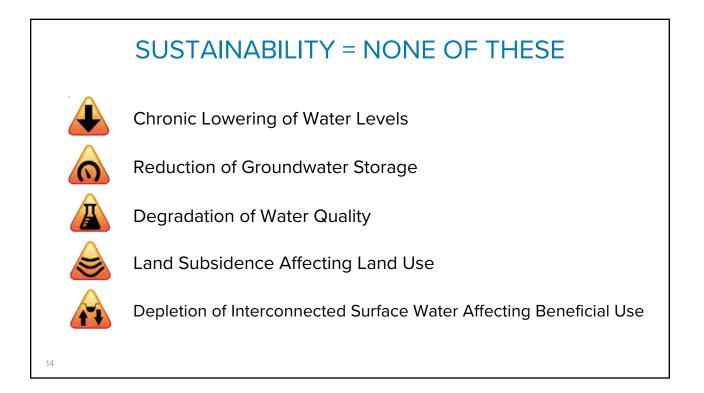


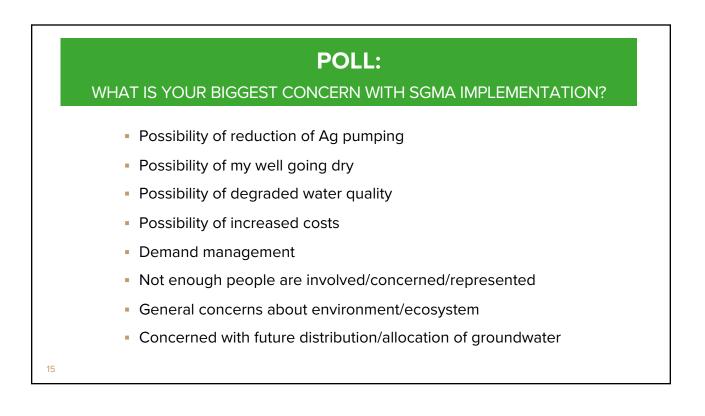


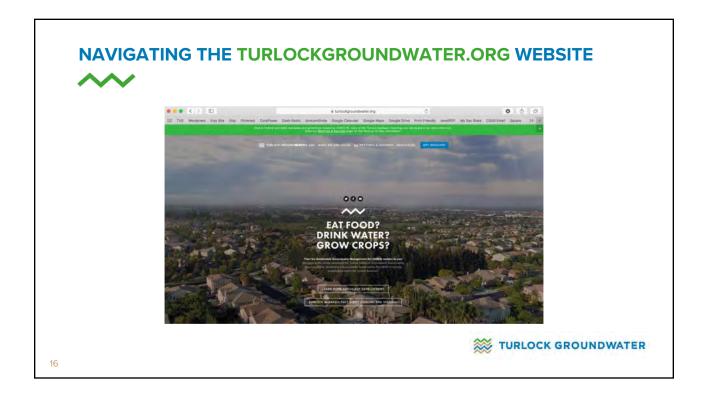




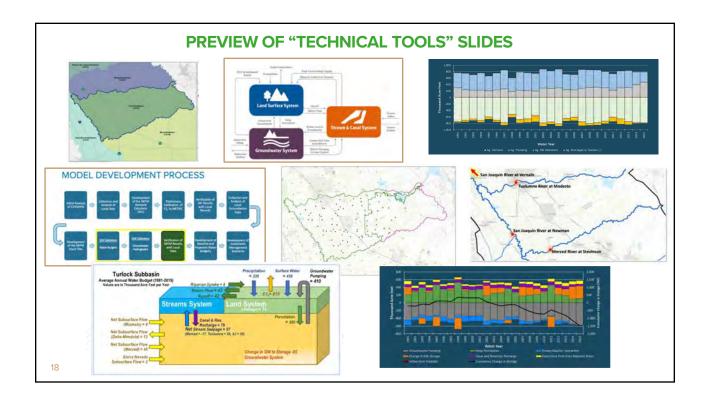
ction 4. Basin Setting	Section 5. Water Budgets
4.1. Study Period	4.3.4.3.3. Arsenic
4.2. Hydrogeologic Conceptual Model	4.3.4.3.4. Manganese
4.2.1. Regional Geologic and Structural Setting	4.3.4.3.5. Uranium
4.2.2. Physical Setting	4.3.4.3.6. Sulfate
4.2.2.1. Climate 44	4.3.4.3.7. Boron
4.2.2.2. Topography	4.3.4.3.8. 1,2,3-Trichloropropane (TCP)
4.2.2.3. Soils	4.3.4.3.9. Tetrachloroethylene (PCE)
4.2.2.4. Surface Water Bodies and Water Conveyance 4-7	4.3.4.3.10. Dibromochloropropane (DBCP)
4.2.3. Basin Boundaries	4.3.4.4. Other Contamination Sites Assessed from GeoTracker
4.2.3.1. Lateral Boundaries	4.3.5. Land Subsidence
4.2.3.2. Basin Bottom	4.3.6. Interconnected Surface Water
4.2.3.3. Areas of Recharge and Discharge	4.3.7. Groundwater Dependent Ecosystems
4.2.4. Principal Aquifers and Aquitards	5. Water Budgets
4.2.4.1. Cross Section Development	5.1. Study Period
4.2.4.2. Cross Sections	5.2. Surface Water Inflows and Outflows
4.2.4.3. Hydrogeologic Framework 4-21	5.2.1. Groundwater Inflows and Outflows
4.2.4.4. Aquifer Properties	5.3. Current and Historical Water Budgets
4.2.5. Hydrogeologic Conceptual Model Representation in Turlock C2VSim Model	5.4. Future Projected Water Budgets
4-23	5.4.1. Projected Water Budget Baseline
4.2.6. Data Gaps and Uncertainties in the Hydrogeologic Conceptual Model 4-24	5.4.2. Projected Water Budget Baseline with 2030 Climate Change Factors 5-46
4.3. Groundwater Conditions	5.4.3. Projected Water Budget Baseline with 2070 Climate Change Factors 5-47
4.3.1. Groundwater Occurrence	5.5. Management Areas
4.3.2. Water Levels and Trends	6. Sustainable Management Criteria
4.3.2.1. Groundwater Elevation Contour Maps	6.1. Sustainability Goal
4.3.2.2. Vertical Groundwater Flow	6.2. Approach to Sustainable Management Criteria
4.3.2.3. Potential Water Level Impacts on Domestic Wells	6.2.1. Analyze Sustainability Indicators
4.3.3. Changes of Groundwater in Storage	6.2.2. Define Undesirable Results
4.3.4. Groundwater Quality	6.2.3. Assign Preliminary Minimum Thresholds and Measurable Objectives 6-4
4.3.4.1. Sources of Groundwater Quality Data	6.2.4. Adjust Sustainable Management Criteria
4.3.4.2. Principal Aquifer Designations for Water Quality Wells	6.2.5. Select Interim Milestones
4.3.4.3. Groundwater Quality in the Turlock Subbasin	6.2.6. Develop the GSP Monitoring Network
4.3.4.3.1. Nitrate (as N)	6.3. Chronic Lowering of Groundwater Levels
4.3.4.3.2. Total Dissolved Solids (TDS)	6.3.1. Undesirable Results for Low Groundwater Levels
Revised Preliminary DRAFT Hay 31, 2020 Turlock Subbasin GSP Hay 31, 2020 W1505A, 1:5 TODD GROUNDWATER	Revised Pretiminary DBAFT Turicol Sabbaino GEP May 11, 2020 WTSGSA / ETSGSA 1-4 TODD GROUNDWATER

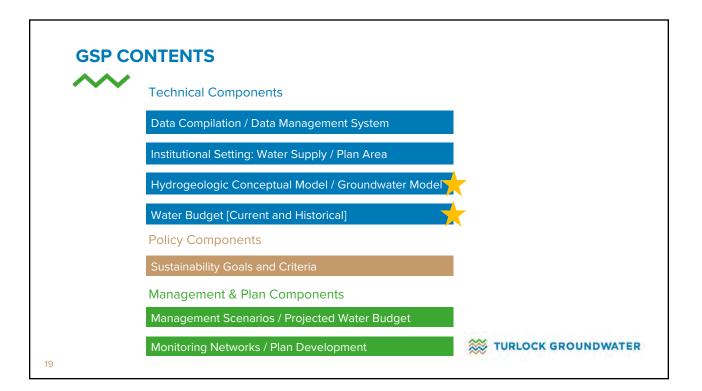


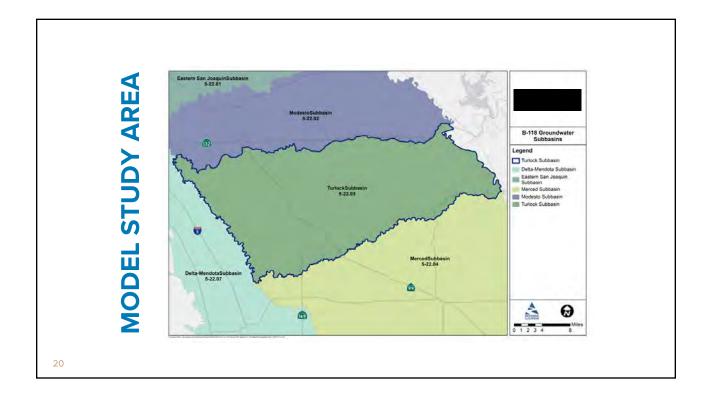


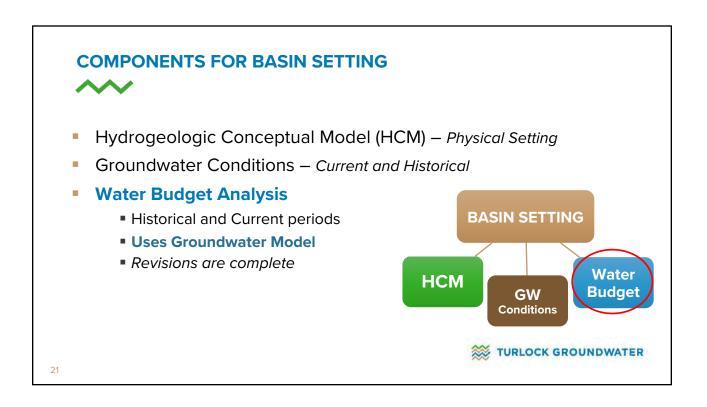


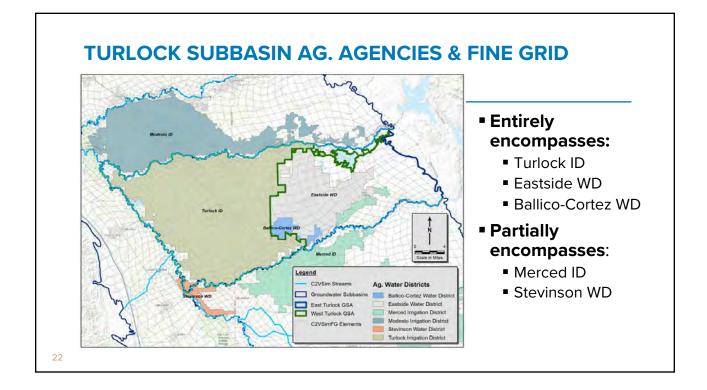


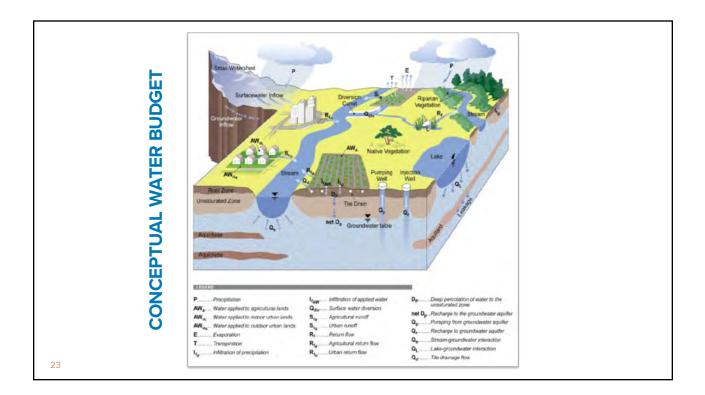


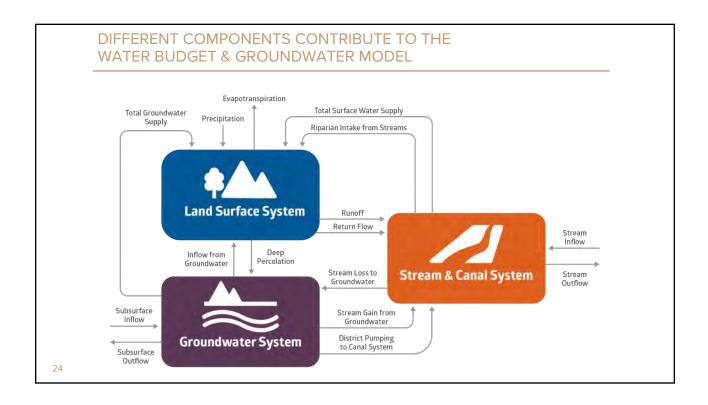


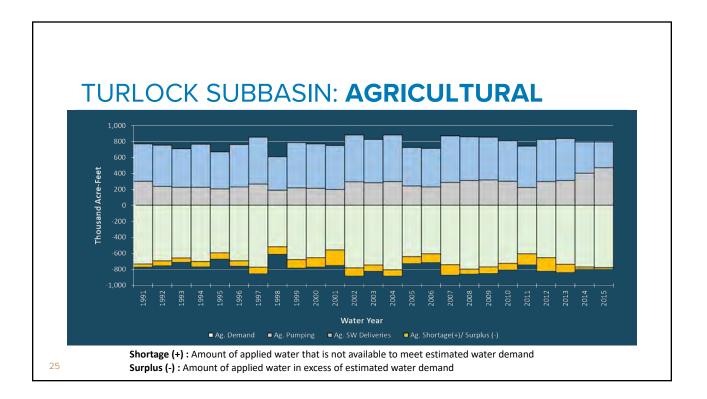


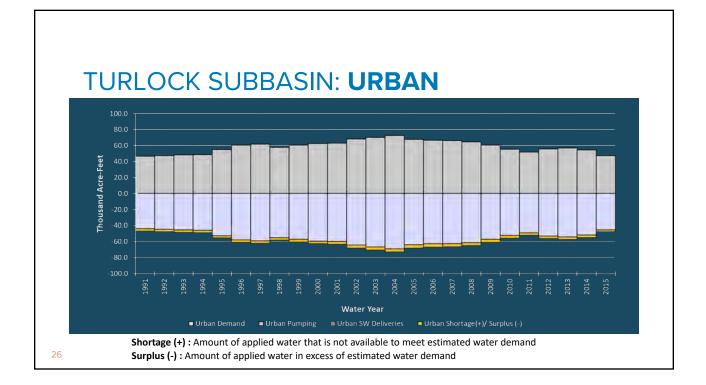


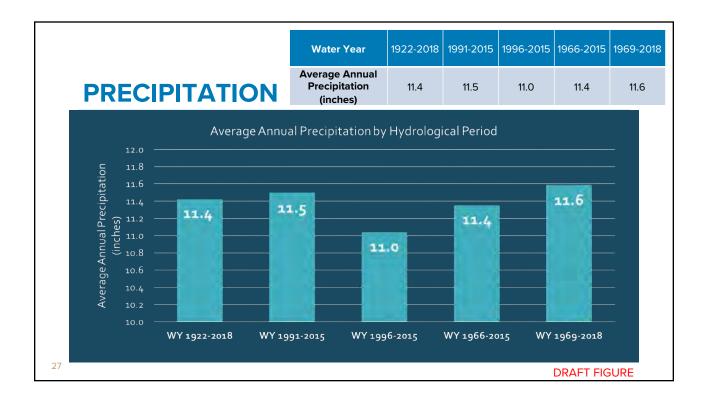


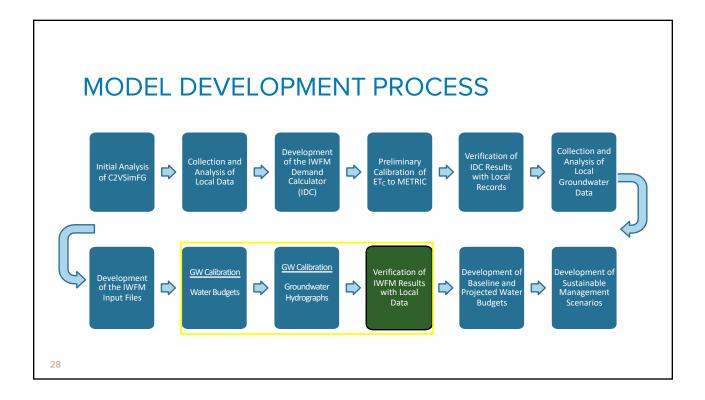


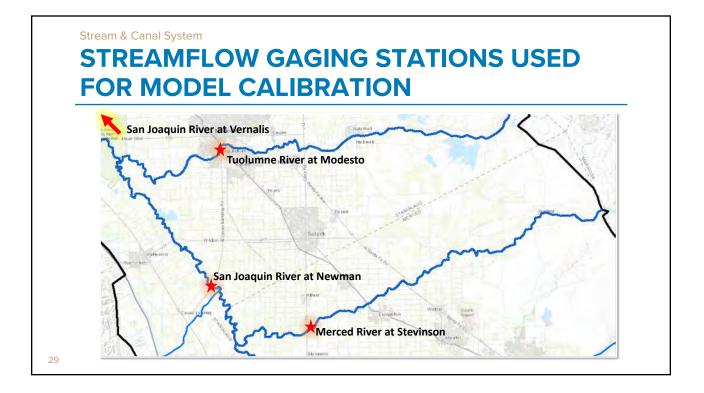


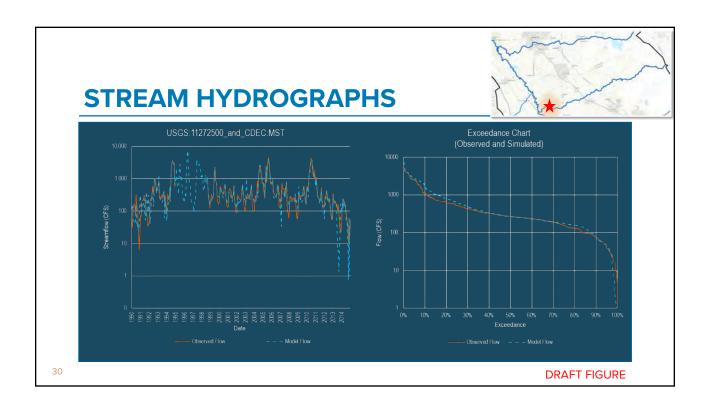


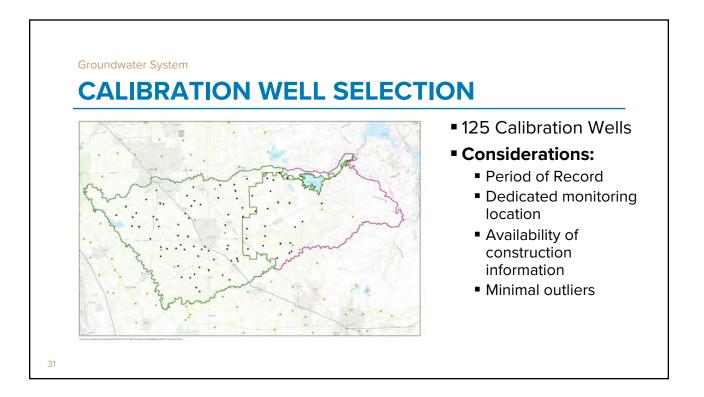


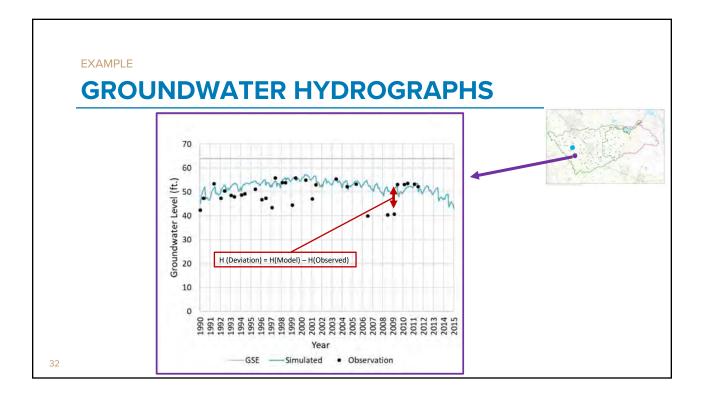


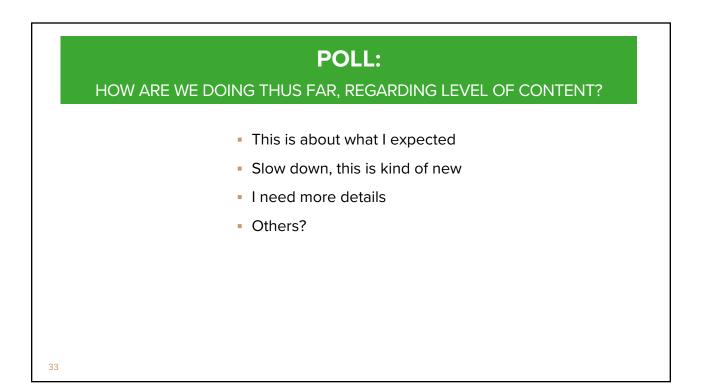


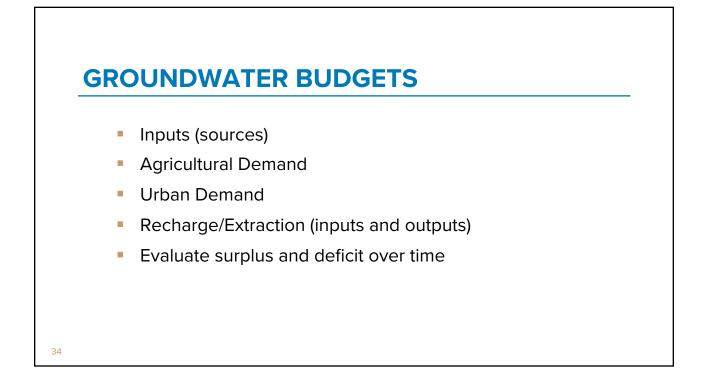


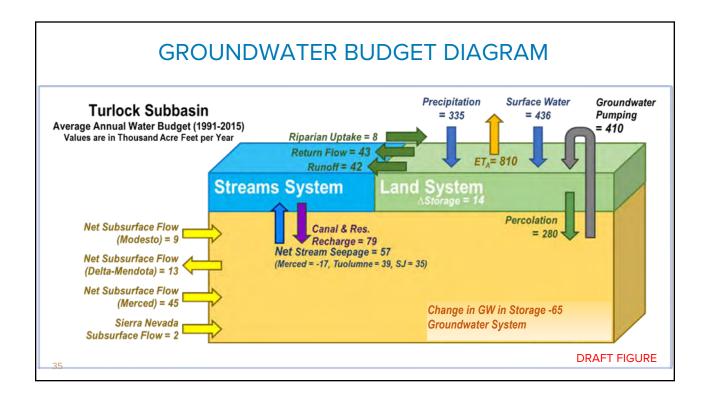


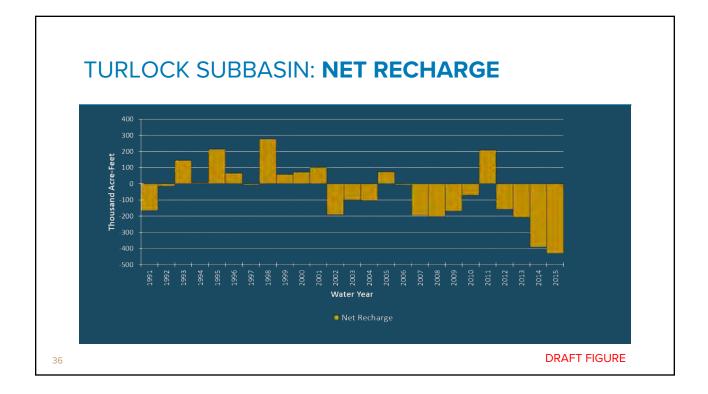


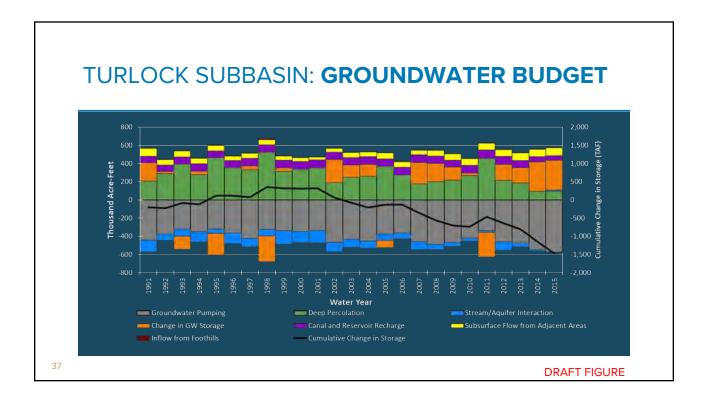


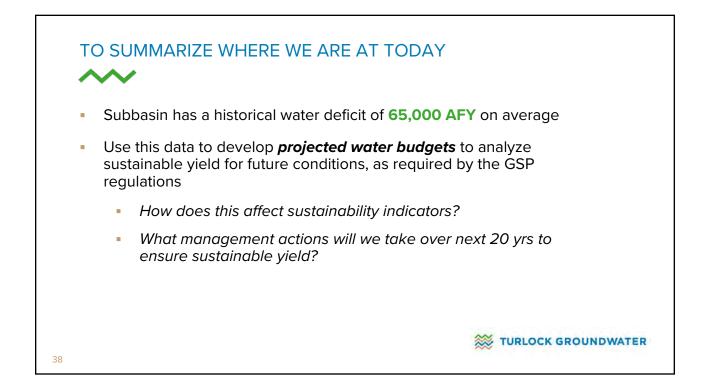


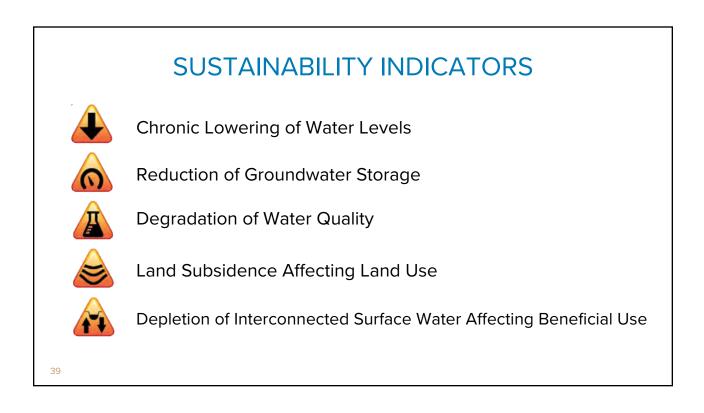




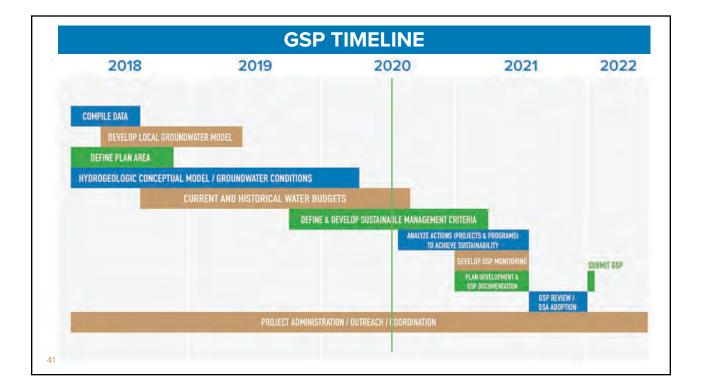


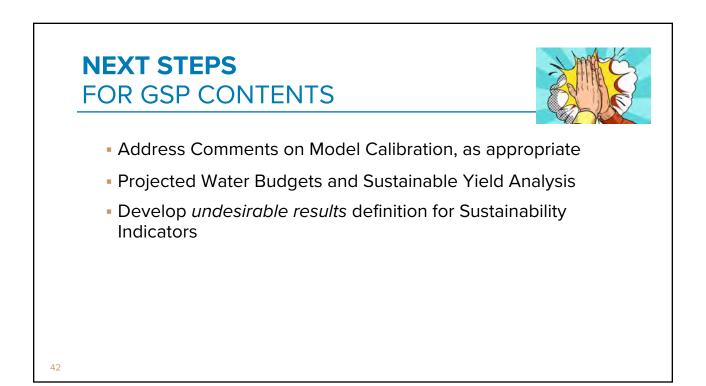


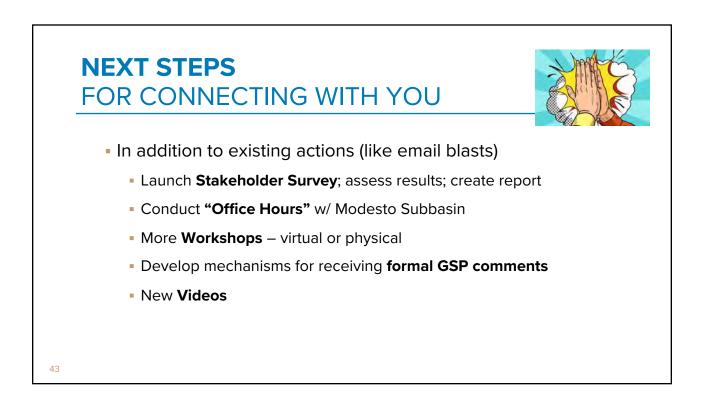












POLL:

WHAT DO YOU WANT TO LEARN ABOUT & DISCUSS NEXT?

- Sustainability Indicators
- Undesirable Results
- Management Actions and Projects
- More on Water Budgets
- Other

