



**EASTERN SAN JOAQUIN
GROUNDWATER AUTHORITY**

**GWA Stakeholder Committee
June 12, 2018**

Agenda



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- **Welcome & Member Self-Introductions**
- **Stakeholder Committee Structure & Role**
- **Member Resources**
- **Meeting Date/Time**
- **Program Overview & Background**
- **Stakeholder Committee Charter**
- **Stakeholder Outreach & Engagement Plan**

Agenda Cont.



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- **Open Discussion: Outreach Goals & Input**
- **Public Meeting in July**
 - Recommended locations, time, day of week
- **Additional Resources**
 - Tool Kit/Outreach Materials
 - Questions for DWR
- **Next Month's Topics**
 - Non-Agenda Items



Stakeholder Committee Structure & Role

Stakeholder Committee



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Members Representing Groundwater Users Outside the JPA & GSAs such as:

- Community
- Agriculture
- Business
- Environment
- Flood Management
- Native American
- Disadvantaged communities
- Institutional

Stakeholder Committee



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Role

- Commit to charter roles & responsibilities
- Participate in monthly meetings to review GSP components
- Represent interests of/& report back to your organizations
- Provide feedback & input through facilitated meeting discussions

Multiple Types & Levels of Stakeholders Involved



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- GWA JPA members are stakeholders
- Each member GSA is a stakeholder & represents & includes other stakeholders
- Other organizations in the subbasin are stakeholders
- Members of the public are stakeholders

Information Flow



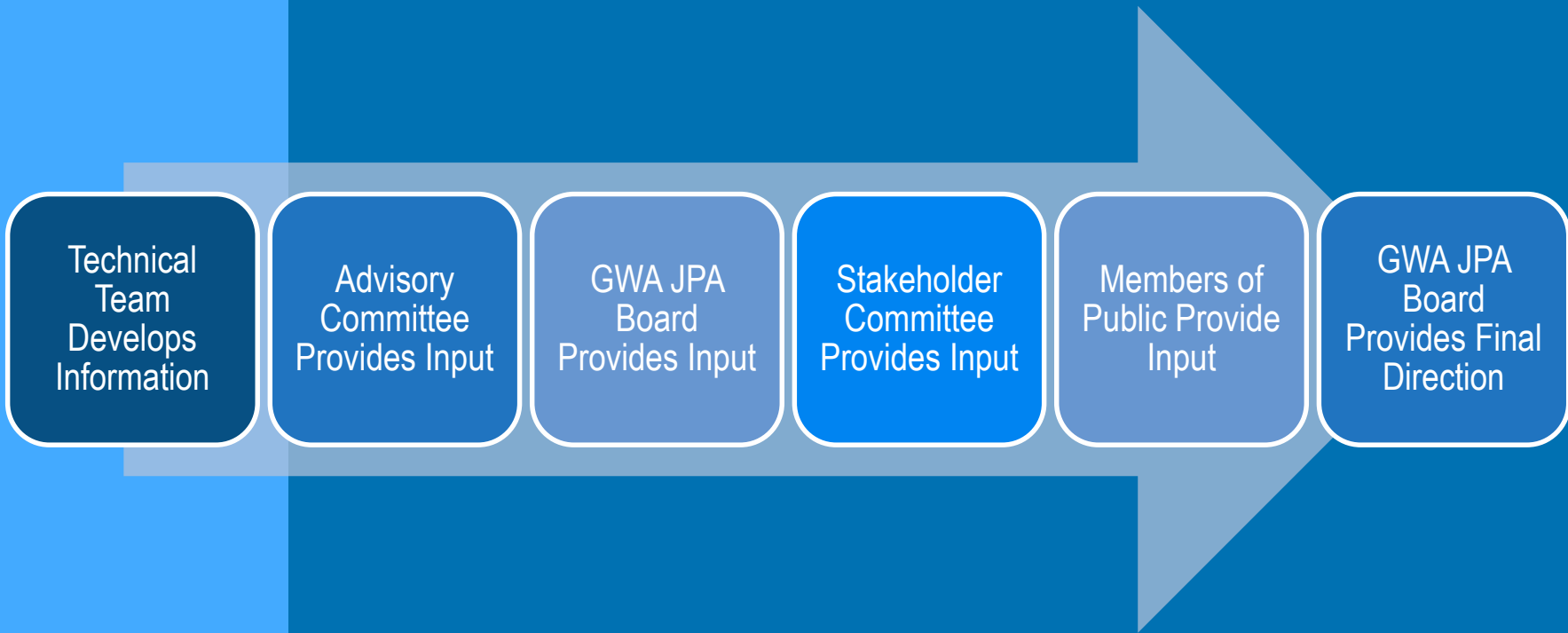
Various groups provide input to GSP elements



Advisory Committee: includes representatives from the GSAs. Makes formal recommendations to the GWA Board on technical & policy items.

Stakeholder Committee: includes interested and potentially affected user groups; will provide feedback specific to their interest area.

Information Flow



Technical Team Develops Information

Advisory Committee Provides Input

GWA JPA Board Provides Input

Stakeholder Committee Provides Input

Members of Public Provide Input

GWA JPA Board Provides Final Direction

Member Resources



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Discuss information sources for effort:

- Newsletters
- Local, regional newspapers, radio, TV, blogs, other
- Other communication vehicles

Monthly Meetings



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Discuss and agree upon:

- Meeting Date & Time



Program Overview & Background

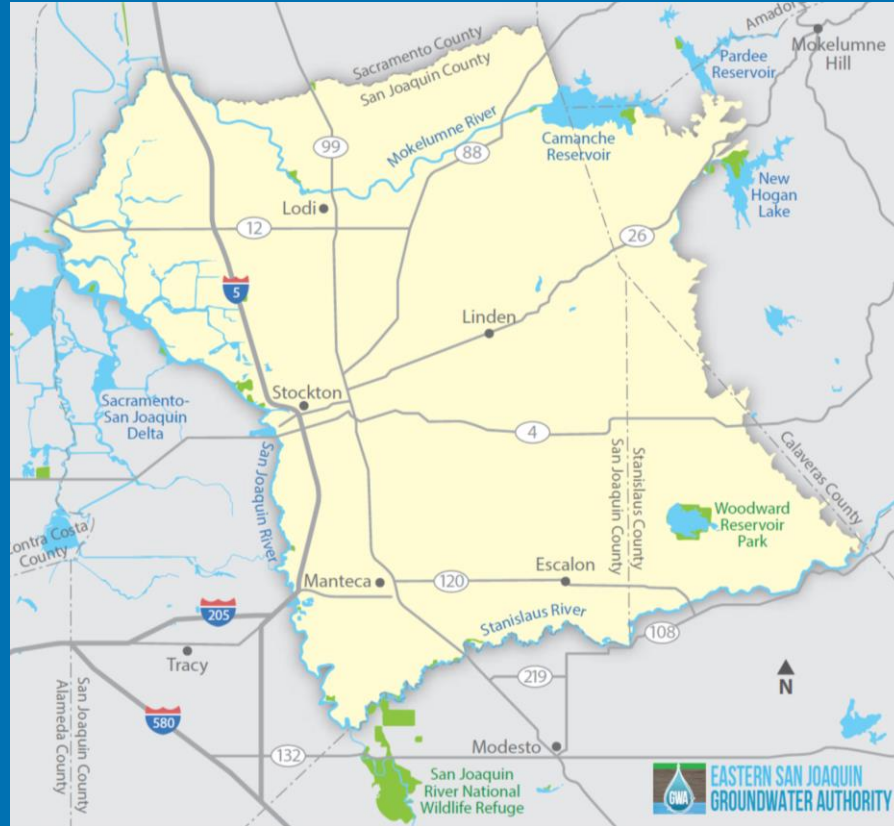


Sustainable Groundwater Management Act (SGMA) Requirements

Where is the Eastern San Joaquin Subbasin Boundary?



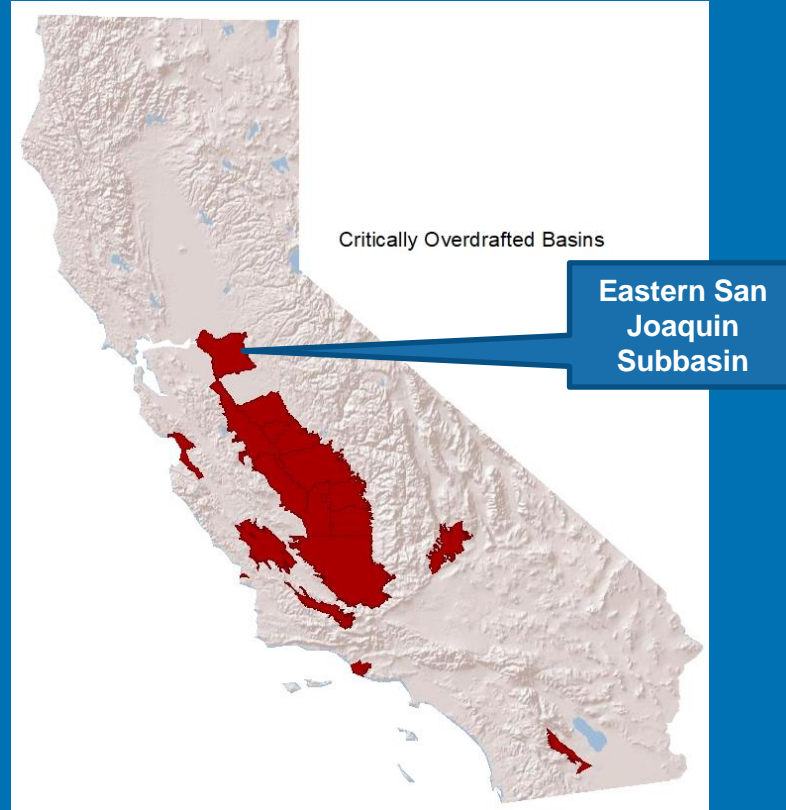
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Eastern San Joaquin is Classified as Critically Overdrafted



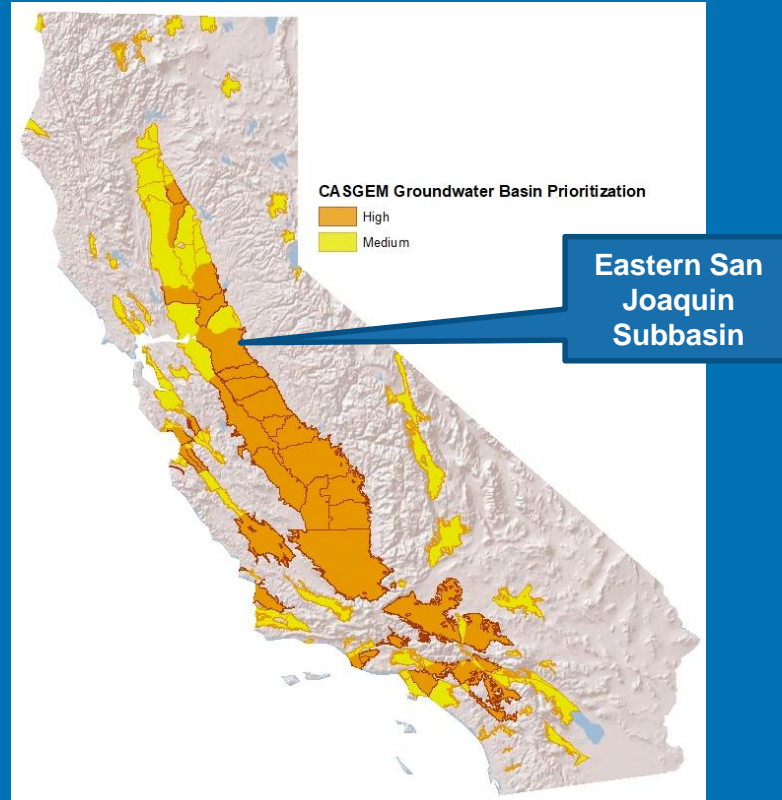
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Eastern San Joaquin is Classified as a “High Priority” Basin



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What Does SGMA Require?



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- Groundwater Sustainability Agencies (GSAs) must be formed, and prepare and submit Groundwater Sustainability Plans (GSPs) by
 - **January 2020 for critically overdrafted basins**
 - January 2022 for remaining high and medium priority basins
- GSPs must include measurable objectives and milestones in increments of five years to **achieve sustainability within 20 years of GSP adoption**
- GSP development must be open and transparent

GSP Development Approaches



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1 Basin, 1 GSA, 1 Plan

- One GSA assumes responsibilities and authorities for the entire basin
- New or existing agency

1 Basin, Multiple GSAs, 1 Plan

- Several GSAs in same basin
- Requires significant coordination among GSAs
- Still evaluated based on basin-level implementation of GSP

1 Basin, Multiple GSAs, Multiple Plans

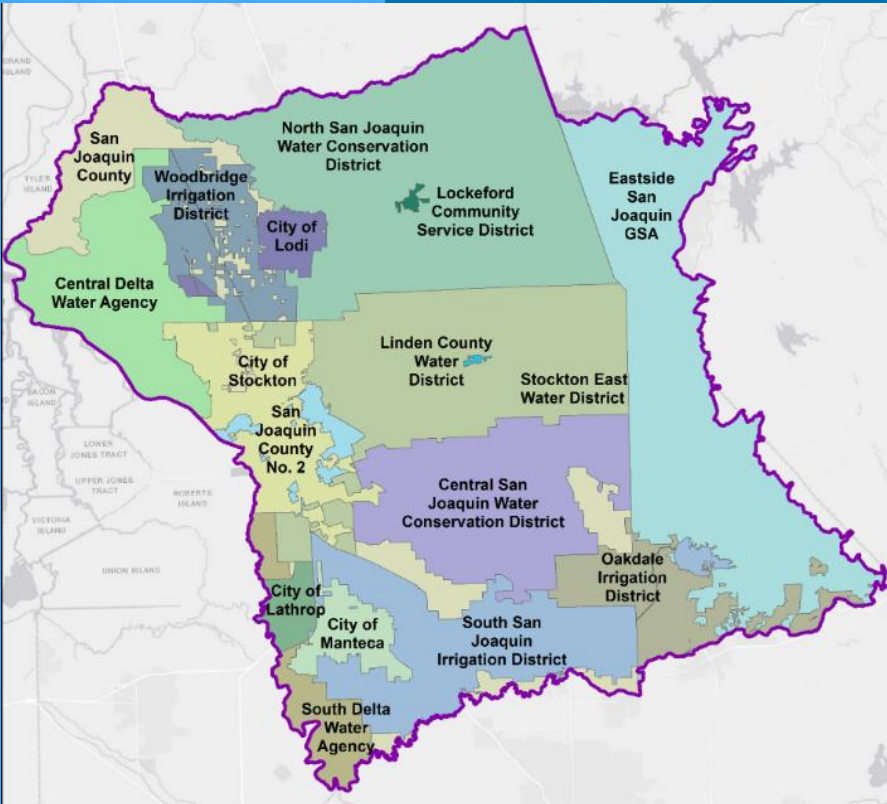
- Flexibility in terms of responsibilities and authorities
- Requires a single coordination agreement among all GSAs for the entire basin
- Still evaluated based on basin-level implementation of GSP (could get messy)



ESJ Subbasin: 17 GSAs One GSP



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Eastern San Joaquin Groundwater Authority (GWA) includes all 17 GSAs plus California Water Service Company (Cal Water)

Working collaboratively to develop a single GSP

Neighboring Basins



Neighboring groundwater subbasins

- Cosumnes
- South American
- Solano
- Tracy
- Delta-Mendota
- Modesto

GSPs are Required to Include Common Elements



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- Basin Setting
- Undesirable Results & Sustainability Goals
- Measurable Objectives, Minimum Thresholds, and Interim Milestones
- Monitoring Network
- Projects and Management Actions
- Annual Groundwater Sustainability Plan (GSP) Reporting

SGMA Requires Accounting of All Water Uses and Sources



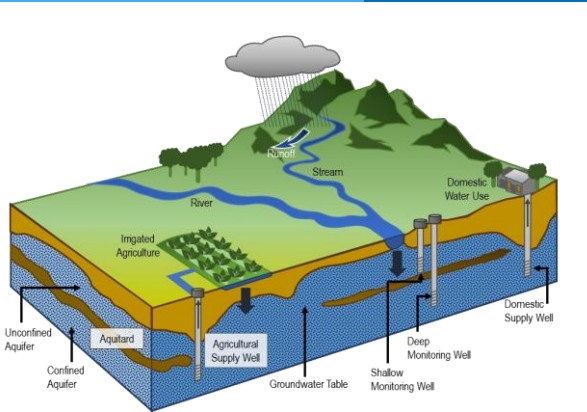
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Modeling Analysis:

- Publicly available documentation
- Developed based on defensible data
- Equivalent defensible methods are acceptable

Water Budget:

- Accounting of the total groundwater and surface water entering and leaving a basin



SGMA Requires Six Sustainability Indicators to be Addressed



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Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply



Significant and unreasonable degraded water quality



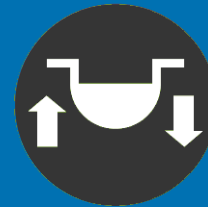
Significant and unreasonable reduction of groundwater storage



Significant and unreasonable land subsidence



Significant and unreasonable seawater intrusion



Depletions of interconnected surface water that have significant and unreasonable adverse impacts on beneficial uses of the surface water

Measurable Objectives Are Required for Each Sustainability Indicator



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Document Potential
Undesirable Effects
for Each
Sustainability
Indicator

Identify “Minimum
Thresholds” (Levels
Where Undesirable
Results Could
Occur)

Develop
“Measurable
Objectives” Above
Each Minimum
Threshold



Recent Work to Prepare for GSP Development

Recent Work to Prepare for GSP Development

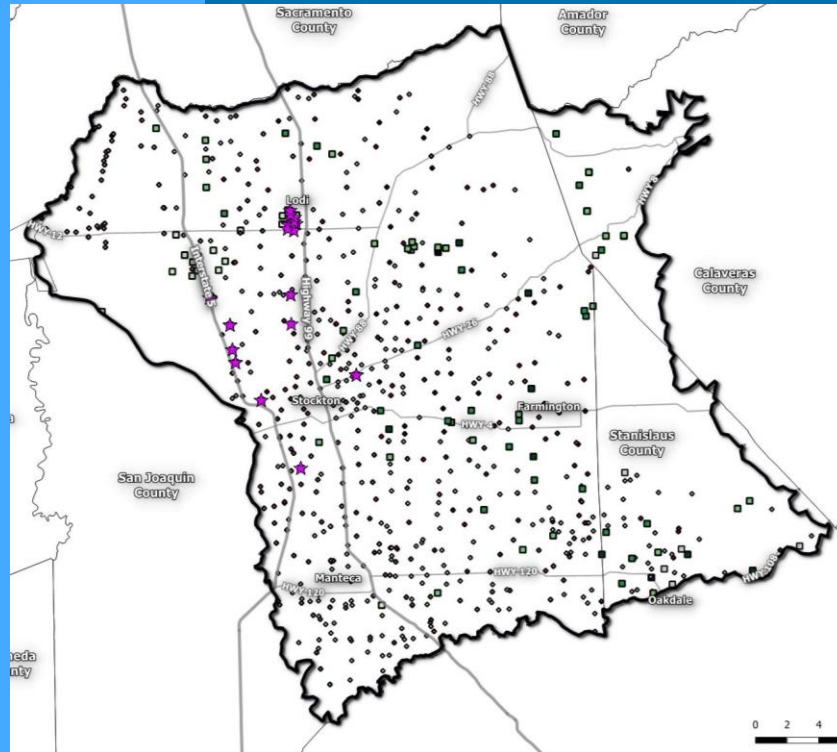


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Over last 5+ years, work has been completed under **SGMA Readiness and Stressed Basin grants**:

- Builds on the work of the ESJ Groundwater Basin Authority (GBA)
- Completed using nearly \$500,000 in funding from DWR
- Tasks included:
 - Compiling existing data and identifying gaps
 - Developing plan for monitoring networks of existing wells
 - Updating and calibrating the groundwater model

Data Compilation and Gap Analysis



Groundwater Data Collection and Monitoring Plan Development

- Compiled existing data
- Data gap analysis

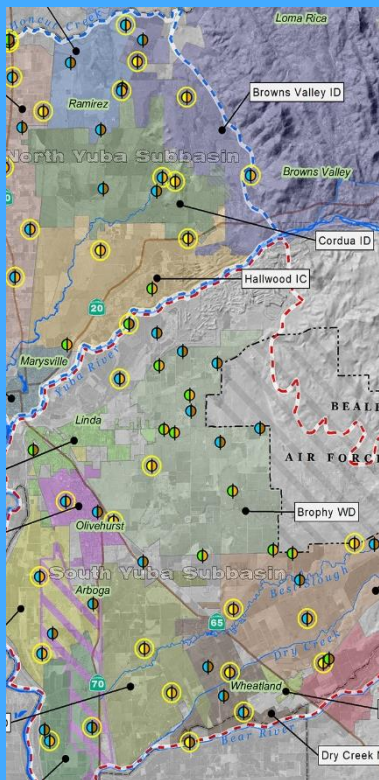
Monitoring Plan Development



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Groundwater Data Collection and Monitoring Plan Development

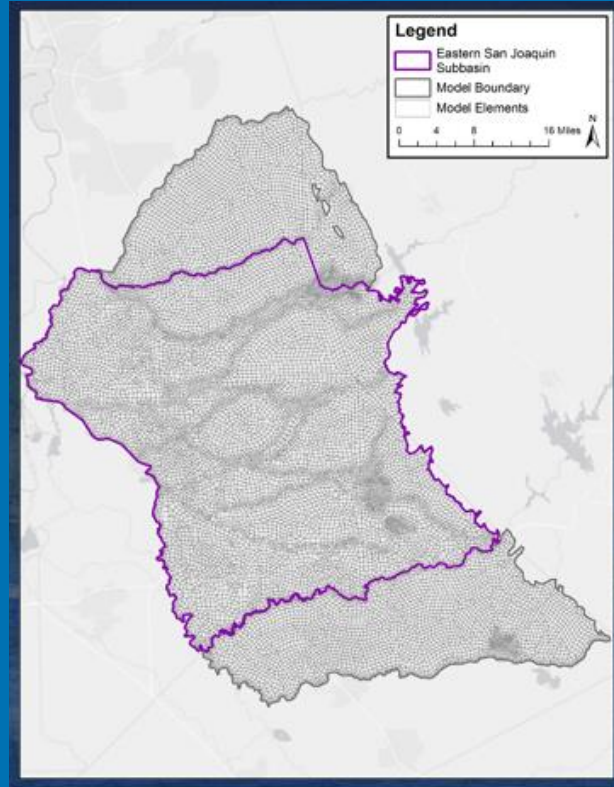
- Compiled existing data
- Data gap analysis
- Analysis for locating additional monitoring wells



Groundwater Model Update and Calibration



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- Developed 2015-2017; calibrated 2017-2018
- Foundational tool to evaluate basin conditions



Schedule and Next Steps

Next Steps



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- Review current basin conditions
- Discuss SGMA terminology
- Consider undesirable results in the Subbasin



Stakeholder Committee Charter

Stakeholder Committee Charter



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- Purpose
- Board & Committee Roles & Responsibilities
- Membership
- Facilitator
- Organization & Functions
- Process Agreements
- Participation Agreements
- Communication & Media
- Amendments

Adoption of Charter



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- Comment Review
- Approval & Adoption



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Stakeholder Engagement & Outreach Plan

Plan Purpose



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Outreach Goal
Inform stakeholders and the public about GSP planning and offer opportunities for involvement.

- Serve as a roadmap to comply with SGMA's requirements for GSP planning
- Meet GSP submittal requirements for notice & communications (Sec. 354.10) with following components:
 - Description of beneficial users and users in the basin (stakeholders)
 - Description of decision-making process
 - Public engagement opportunities
 - Methods to encourage active involvement & inform public on GSP progress
 - Evaluation metrics (involvement and communications reporting)

Plan Outline



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Introduction & Background

Explanation of Decision-Making Process

- GWA Board of Directors, Groundwater Authority
JPA & Advisory Committee

Plan Purpose

- Goals, Objectives & Audiences

Plan Outline Cont.



Stakeholder Engagement & Public Outreach:

- Opportunities, Outreach, Database, Website, Flyers, E-blasts, Social Media & Media Relations

Measure & Evaluate

Goal



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Inform stakeholders & the public about Eastern San Joaquin's groundwater sustainability planning & offer opportunities for involvement.

Target Audiences



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- **GWA JPA Board of Directors & staff**
- **GSAs & their respective elected officials, directors, leadership, management, staff & customers**
- **Beneficial users & users of groundwater**
- **Diverse social, cultural & economic elements of the population within the basin**
- **Public**
- **Media outlets**

Example Objectives



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- **Secure a balanced level of participants**
- **Provide targeted outreach materials**
- **Inform & obtain comments from the public**
- **Provide timely & accurate public reporting of milestones**
- **Maintain an active communications tracking tool**



**Open Discussion
Outreach Goals & Input**

Public Meeting



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First Meeting: July

- Meetings are quarterly
- Recommendations for locations, time & day of week

Additional Resources



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- Tool Kit: Outreach Materials
- Questions for Department of Water Resources (DWR)



**Next Month's Topic – Groundwater
Conditions**

Contacts



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- Stakeholder Engagement & Public Outreach Consultants:
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Glossary of Acronyms

Acronyms



- DWR: California Department of Water Resources
- ESJ GSP: Eastern San Joaquin Groundwater Sustainability Plan
- GSA: Groundwater Sustainability Agency
- GWA: Eastern San Joaquin Groundwater Authority
- SGMA: Sustainable Groundwater Management Act