



# LODI CITY COUNCIL

Carnegie Forum  
305 West Pine Street, Lodi

## "SHIRTSLEEVE" SESSION

Date: April 23, 2019

Time: 7:00 a.m.

\*and via conference call:  
**1311 Midvale Road**  
**Lodi, CA 95240**

For information regarding this Agenda please contact:

**Jennifer M. Ferraiolo**  
**City Clerk**  
**Telephone: (209) 333-6702**

### Informal Informational Meeting

**A. Roll Call by City Clerk**

**B. Topic(s)**

B-1 Receive Update on Sustainable Groundwater Management Act and Eastern San Joaquin Groundwater Authority (PW)

**C. Comments by Public on Non-Agenda Items**

**D. Adjournment**

Pursuant to Section 54954.2(a) of the Government Code of the State of California, this agenda was posted at least 72 hours in advance of the scheduled meeting at a public place freely accessible to the public 24 hours a day.

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Jennifer M. Ferraiolo  
City Clerk

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# CITY OF LODI COUNCIL COMMUNICATION

**AGENDA TITLE:** Receive Update on Sustainable Groundwater Management Act and Eastern San Joaquin Groundwater Authority

**MEETING DATE:** April 23, 2019 (Shirtsleeve)

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** Receive update on Sustainable Groundwater Management Act and Eastern San Joaquin Groundwater Authority.

**BACKGROUND INFORMATION:** On August 29, 2014, the California Legislature passed comprehensive groundwater legislation enacting the "Sustainable Groundwater Management Act" (SGMA). Governor Brown signed the legislation on September 16, 2014 and it became effective on January 1, 2015.

SGMA requires the formation of groundwater sustainability agencies (GSA's) and the development and implementation of one or more groundwater sustainability plans (GSP's) for each groundwater basin categorized by the California Department of Water Resources as high- or medium-priority.

The Eastern San Joaquin Groundwater Authority is a collaboration of agencies (including Lodi) within the county working to prepare a GSP in accordance with the SGMA legislation. The Authority was formed in February 2017 and has since made significant progress in preparing a GSP for the entire groundwater basin by the required submittal date of January 31, 2020.

Staff will provide a review of the SGMA legislation, an update on the GSP including the GSP framework, funding, schedule, key policy issues, and the next steps needed to facilitate completion.

**FISCAL IMPACT:** Not applicable.

**FUNDING AVAILABLE:** Not applicable.

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Charles E. Swimley, Jr.  
Public Works Director

CES/CES/tdb

**APPROVED:** \_\_\_\_\_  
Stephen Schwabauer, City Manager

The City of Lodi  
**Public Works**



Sustainable Groundwater Management Act &  
Eastern San Joaquin Groundwater Authority  
Update

April 23, 2019

# Outline

- Background
- Timeline
- GSP Funding
- GSP Framework
- Schedule
- Key Policy Issues
- Next Steps




# Background

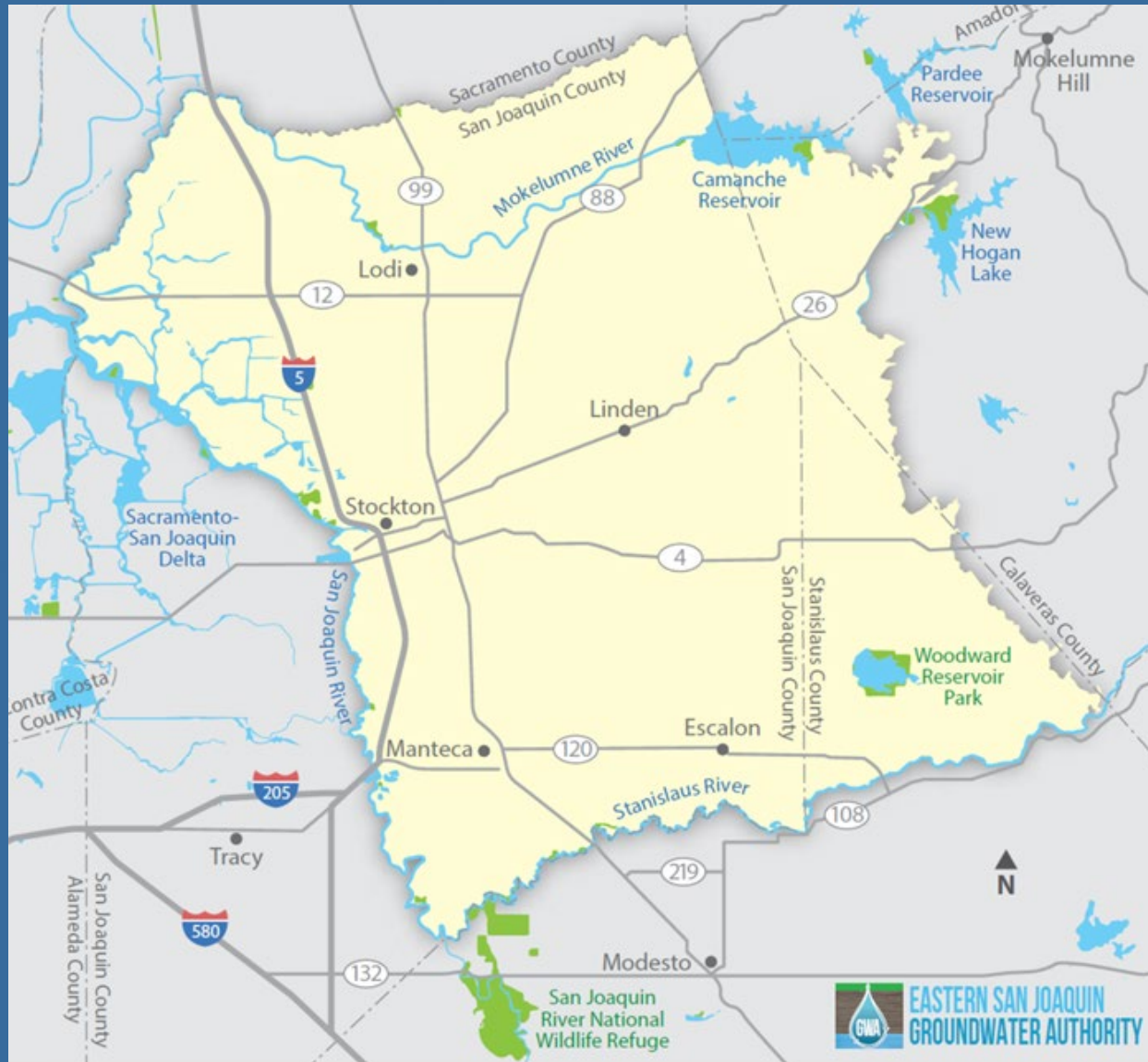


- The Sustainable Groundwater Management Act (SGMA) became effective on January 1, 2015.
- SGMA requires the establishment of Groundwater Sustainability Agencies (GSA) and the development and implementation of one or more Groundwater Sustainability Plans (GSP).
- Failure of local agencies to comply with SGMA could result in State intervention.

# Background

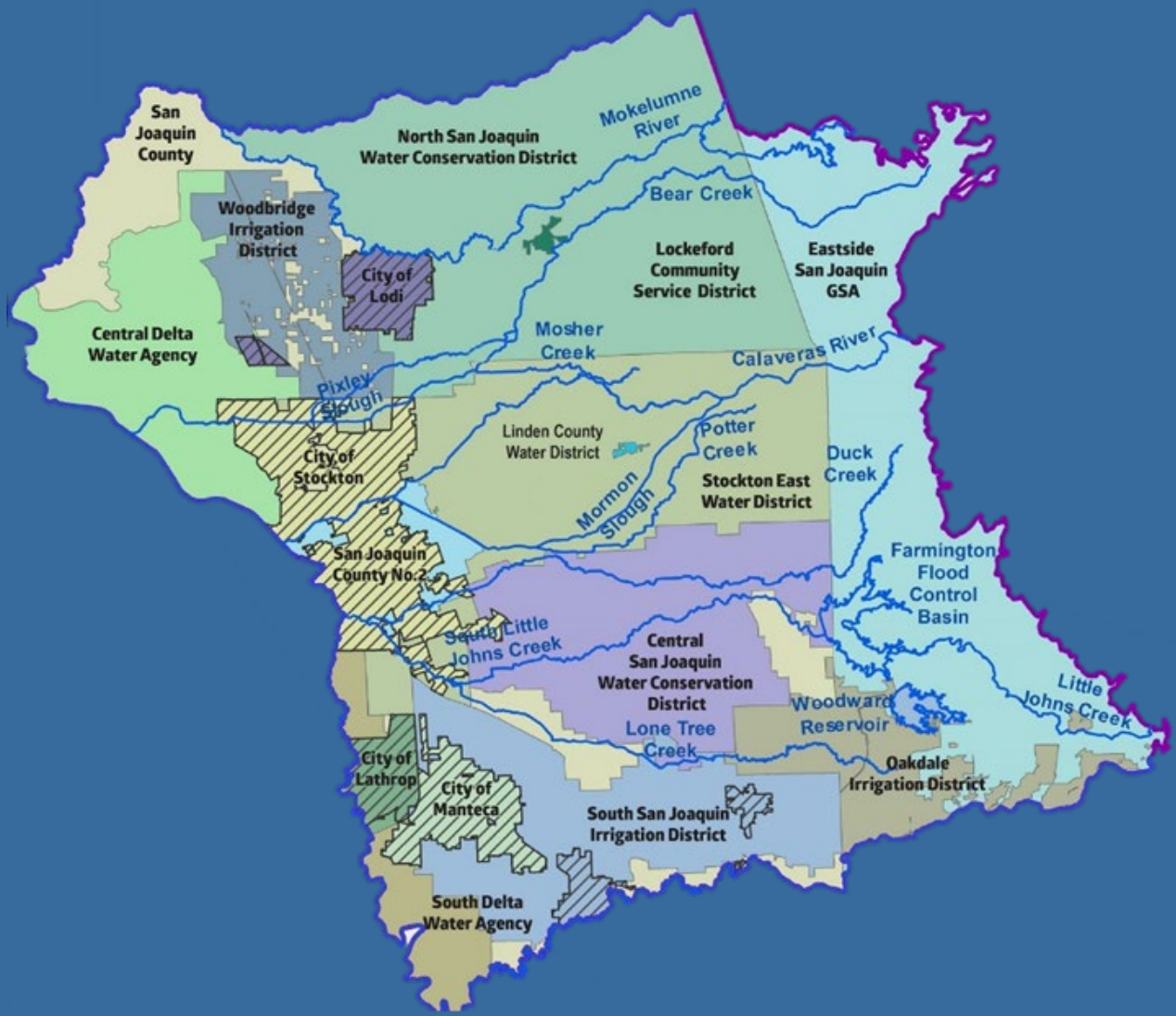
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- Eastern San Joaquin Groundwater Authority
    - Comprised of entities that have elected (or intend to elect) to become GSA's.
    - Framework for entities to work together to mutually develop and ultimately adopt a GSP for the entire basin.
    - Funding for GSP will come from various sources:
      - San Joaquin County Zone 2 funding
      - State of California grant funding
      - Authority members
        - Amounts determined by the Board of Directors

# Background





# Background





# Timeline



- February 8, 2017 JPA finalized
- June 30, 2017 GSA's formed
- February 2018 GSP Consultant hired
- January 31, 2020 GSP must be submitted

# GSP Funding

- GSP Costs


- \$2,176,420

- Funding available

- Proposition 1B Grant \$1,500,000
  - Zone 2 contribution \$ 450,000
  - Authority members \$ 226,420
  - Total Funds \$2,176,420
  - Lodi's share = \$11,664



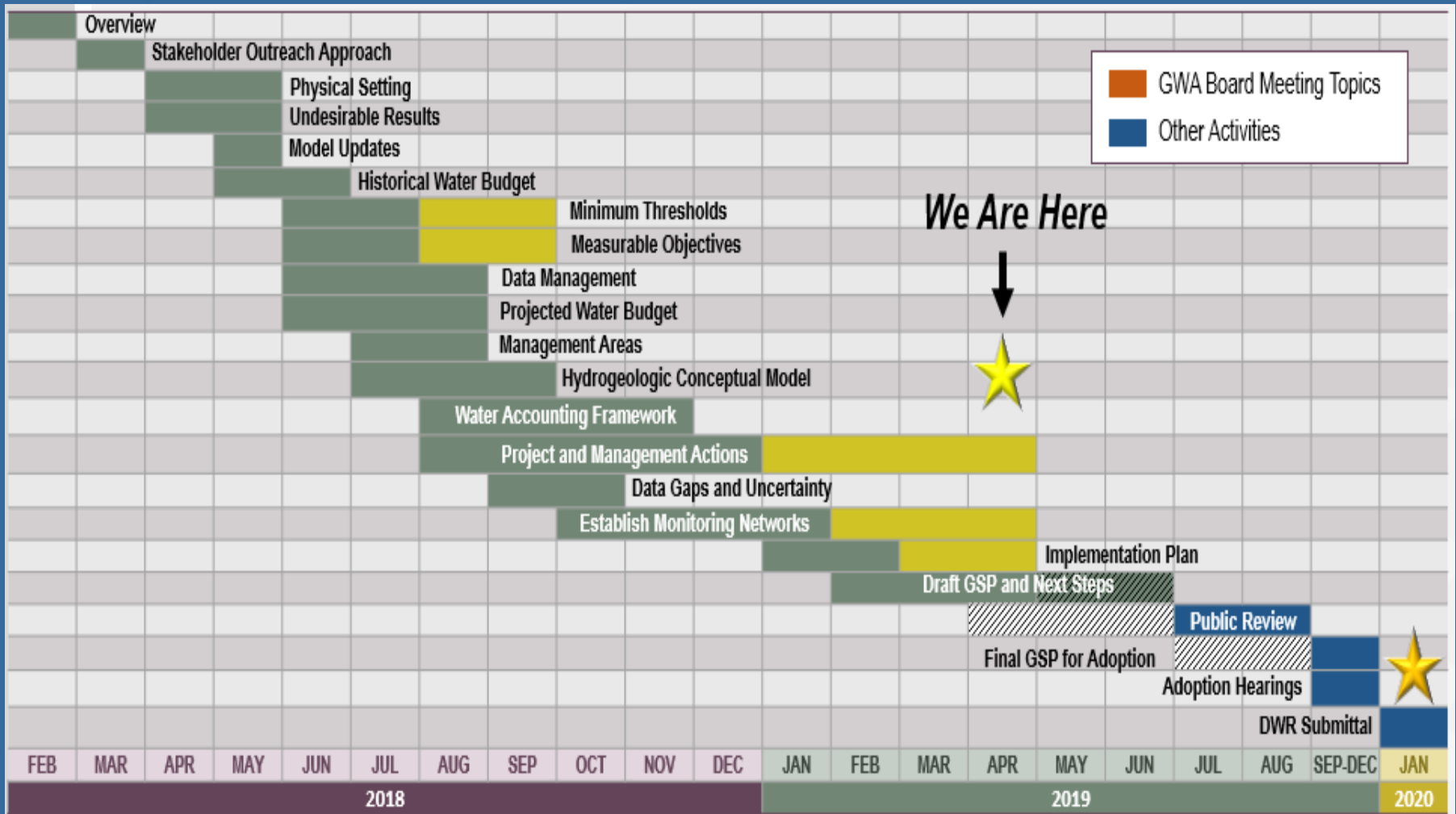
# GSP Framework

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- **Administrative Information**
    - General information, description of plan area, communications
  - **Basin Setting**
    - Hydrologic Conceptual Model, groundwater conditions, water budget, management areas
  - **Sustainable Management Criteria**
    - Sustainability goal, undesirable results, minimum thresholds, measurable objectives
  - **Monitoring Networks**
    - Monitoring network, assessment and improvement of network, reporting and monitoring data

# GSP Framework

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- Projects and management actions
    - List of projects to achieve sustainability goal
  - Department Evaluation and Assessment
    - Department review, evaluation criteria
  - Annual Reports and Periodic Evaluations by Agency
    - 5-year evaluations by agency or when amended
  - Interagency Agreements
    - Interagency agreements, interbasin agreements, coordination agreements

# Schedule



# Key Policy Issues

- Management Actions

- Projects approach vs. demand-side management approach
- Mixture?
- Recommendation to Board in June

- Water Budget Planning Estimates

- Establish groundwater pumping offset to be sustainable by 2040
- Approved at 78,000 AFY
- April 2019

- Sustainable Management Criteria Objectives

- Decisions related to minimum thresholds, measurable objectives, monitoring network
- Recommendation to Board in May






# Key Policy Issues

- Sustainability Indicators

- Chronic lowering of groundwater levels
- Reduction of groundwater storage
- Degraded water quality
- Seawater Intrusion
- Land Subsidence
- Depletion of interconnected surface waters



# Next Steps

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- Draft GSP “Bundles” are being released to GSA’s for review
  - Scheduled public review periods in July and August
  - Council update on GSP plan / policies in July
  - Final GSP scheduled for November
  - Eastern San Joaquin Groundwater Basin Board
  - Approval in December 2019 or January 2020
  - Approved GSP submittal by January 31, 2020



Questions?