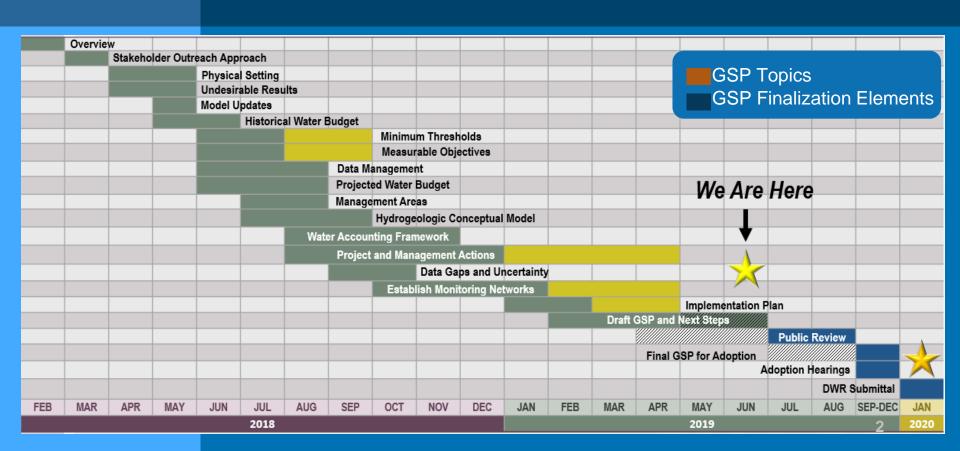


Materials for GSA Outreach June 2019

GSP Topics & Project Schedule





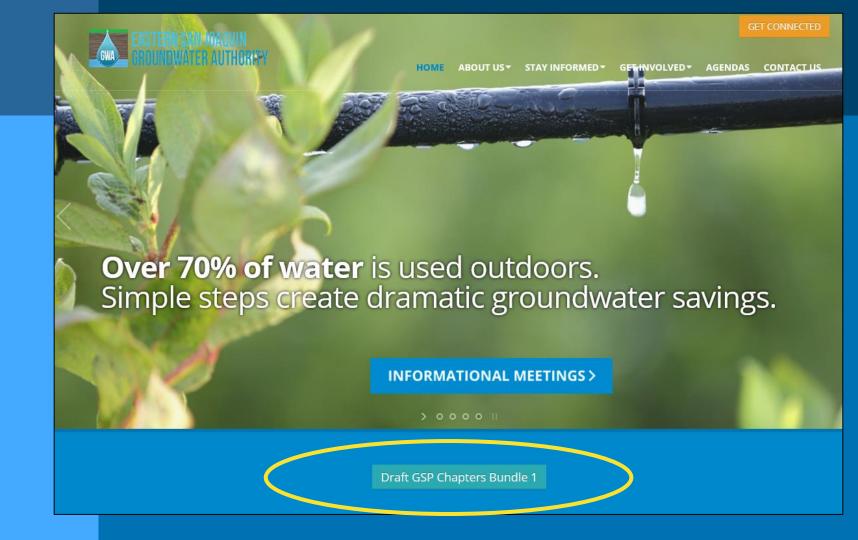


Draft GSP Chapters – Bundle 1



Bundle 1 is posted to website homepage: www.esjgroundwater.org

- Text includes includes:
 - Administrative Information
 - Plan Area
 - Hydrogeologic Conceptual Model (HCM)
 - Data Compilation
 - Data Management System (DMS)
- Comments were due on June 1, 2019. There will be additional opportunity to comment on the complete Public Draft GSP.



Draft GSP Chapters – Bundles 2 and 3



Bundles 2 and 3 will be posted to website homepage soon: www.esjgroundwater.org

- Text includes includes:
 - Water Budget
 - Current and Historical Groundwater Conditions
 - Sustainable Management Criteria
 - Monitoring Network
- Comments are due on July 1, 2019. There will be additional opportunity to comment on the complete Public Draft GSP.

Draft GSP Public Comment Period GRADINDWATER



- Full public draft (all chapters) will be released for public comment July 10 – Aug 25. Comments are due Aug 25.
- The fourth informational meeting will be held during the public comment review period (July 18)



Fourth Informational Meeting





July 18th, 5:00-8:00 PM

Robert J. Cabral Agricultural Center Assembly Room 1 2101 E. Earhart Ave. Stockton, CA

- Format will be open house style beginning with a brief presentation
- Focus will be on the Draft GSP Public Comment Period
- Outreach materials will be sent to GSAs and posted to website



Groundwater Sustainability Workgroup Update



- 7 Workgroup members and 2 members of the public attended the Groundwater Sustainability Workgroup meeting held on May 18th
- The next Workgroup meeting will be held on June 12th at 4:00pm at the San Joaquin County Public Works Department
- Notes from Workgroup meeting are available on the website, esigroundwater.org (under 'Agendas' tab)
- Workgroup focused on review Bundle 1 drat chapters and implementation plan discussion



Groundwater Sustainability Workgroup Update





1810 E. Hazelton Avenue P. O. Box 1810 Stockton, CA 95201 (209) 468-3089 ESJgroundwater@sjgov.org esjgroundwater.org

Eastern San Joaquin Groundwater Authority Groundwater Sustainability Workgroup

May 8, 2019
4 – 5:30 p.m.

San Joaquin County Public Works Department 1810 E. Hazelton Ave., Stockton, CA Conference Room A

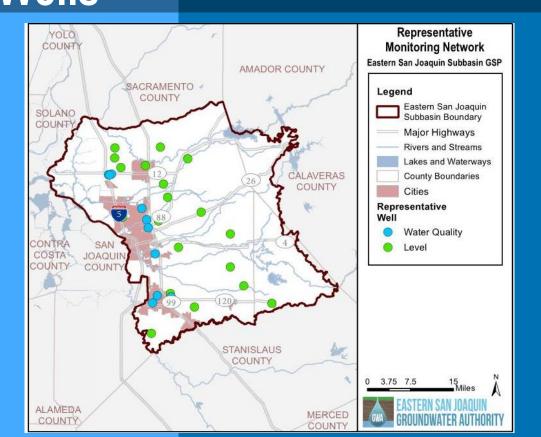
Agenda

- Welcome
- I. Meeting Objectives
- III. Bundle 1 Draft Chapter Overview
 - Presentation and Discussion: Review HCM requirements and discuss draft chapters
- IV. Implementation Plan
 - Presentation and Discussion: Review and discuss approach for GSP implementation
- VI. Announcements
- Bundle 2 Draft Chapter is anticipated to be posted in June
- VII. Other Topics
- a. Non-agenda Items
- b. Public Comment



Representative Monitoring Network Wells



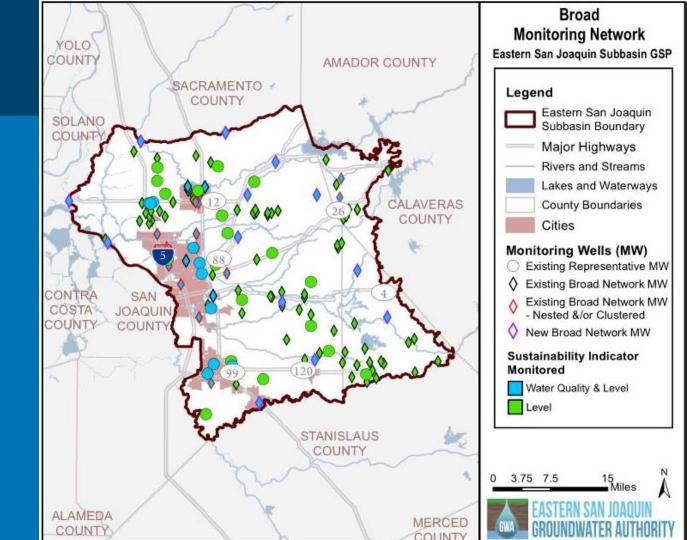


Includes:

Dedicated Threshold Wells for GW Levels (19)
Dedicated Threshold Wells for GW Quality (10)

Broad Monitoring Network

 Representative monitoring and additional broader network



Monitoring Network



Well Type	#	Monitoring Network	Constituent Monitored		Proposed
			Elevation	Water Quality	Frequency
Dedicated Level Threshold	19	Representative Monitoring	Х		Semi-Annually
Dedicated Groundwater Quality Threshold	10	Representative Monitoring	X	X	Semi-Annually
CASGEM Wells (Official)	76	Broad	Х		Semi-Annually
Nested &/or Clustered Wells	16	Broad	X	X	Semi-Annually
TSS Wells + 10 New Wells (Planned)	12	Broad	X	X	Semi-Annually
Additional local wells in water quality network	5	Broad	X	Х	Semi-Annually



Methodology and Results



- Today we are presenting the methodology for identifying GDEs in the Subbasin
- GSA Staff and GW Sustainability Workgroup has seen draft GDE areas, methodology and feedback has been requested (Workgroup did an exercise to mark up maps)

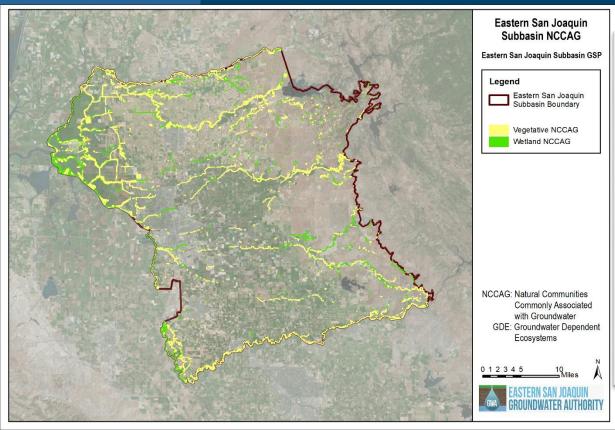
Preliminary Methodology for Assessing GDEs



- DWR's Natural Communities Commonly Associated with Groundwater (NCCAG) dataset was used, developed with The Nature Conservancy
- Areas with access to supplemental water supplies were removed, including
 - Managed wetlands and areas without shallow groundwater
 - Areas adjacent to canals and ditches, irrigated ag fields, losing streams, perennial rivers, and managed wetlands.

Full NCCAG Dataset

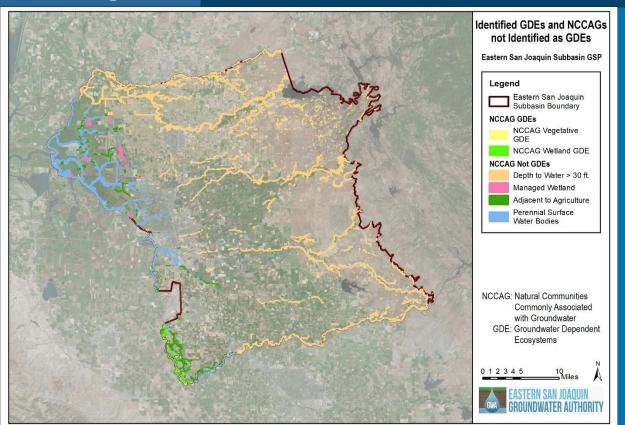






Identifying NCCAGs Likely to Access Non-groundwater Water Supplies

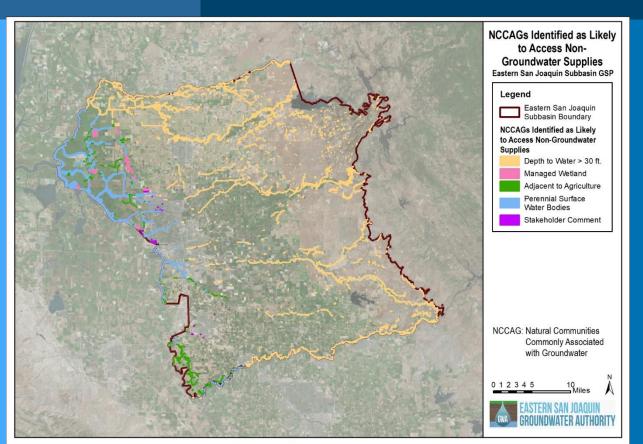




Buffers Used

DTW 30+ ft.	Drawn from area of shallow DTW measurements		
Managed Wetland	150 ft.		
Adjacent to Ag.	50 ft.		
Losing or Perennial Streams	150 ft.		
Canals and Ditches	150 ft.		

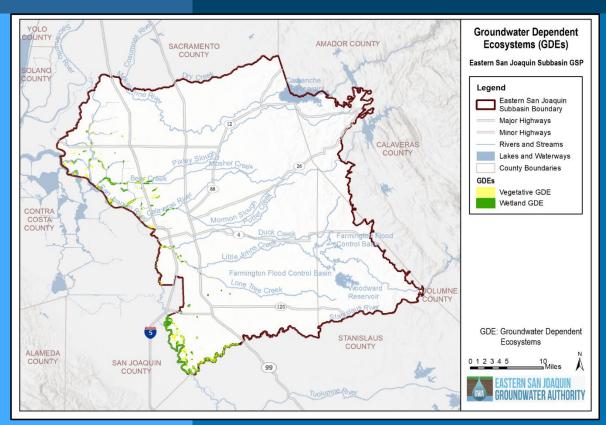
Incorporating Stakeholder Comments



 Areas shown in purple were removed as potential GDEs from stakeholder feedback (groundtruthing)

Areas Identified as Potential GDEs





 Areas identified as potential GDEs



Inter-Basin Coordination



Next Step: Reach out to neighboring subbasins

- Cosumnes (2022 timeline)
- South American (Alternative plan)
- Solano (2022 timeline)
- Tracy (2022 timeline)
- Modesto (2022 timeline)
- East Contra Costa (2022 timeline)