

Agenda



- Approval of October Board Meeting Minutes
- Roadmap Update and Project Schedule
- Outreach and Groundwater Sustainability Workgroup Update
- GSP Action Update: Projects & Management Actions
- Monitoring Network and TSS Wells
- December Agenda Items

GSP Topics & Project Schedule

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Outreach & Groundwater Sustainability Workgroup Update

Second Informational Meeting





November 7th, 6:30-8:00 PM Manteca Transit Center 220 Moffat Blvd. Manteca, CA 95336

• Thank you for attending!

• Any comments or feedback on how the event went?

Outreach Update



How might sustainable groundwater management affect growers?

The goal of the Groundwater Sustainability Plan is to establish sustainable management of groundwater through local control while meeting state requirements.

What is SGMA?

The Sustainable Groundwater Management Act, or SGMA, is new statewide legislation that establishes a path for the sustainable management of groundwater for the first time in California's history.

What does SGMA require?

The development and implementation of a basinspecific Groundwater Sustainability Plan (GSP) by Groundwater Sustainability Agencies (GSAs) that outlines a plan for achieving long-term groundwater sustainability. The Eastern San Joaquin Groundwater Authority, acting collectively on behalf of their 17 member GSAs, must complete their GSP by January 31, 2020 because the subbasin's classified as critically overdrafed.

How do I learn more?

esjgroundwater.org

Get involved:

Attend GWA Board Meetings 2nd Wednesdays, 11 a.m. Robert J. Cabral Center, Assembly Room 1

Attend Advisory Committee Meetings 2nd Wednesdays, 9 a.m. Robert J. Cabral Center, Assembly Room 1

Attend GW Sustainability Workgroup Meetings Approximately monthly (see website for updates) Participate in Informational Meetings

Nov. 7, 6:30–8 p.m., and approximately quarterly thereafter (see websites for updates)



 Based on feedback from the Groundwater Sustainability Workgroup, we have developed a flyer for distribution at the November applicator meetings

Groundwater Sustainability Workgroup Update



- 11 Workgroup members and 3 members of the public attended the meeting on October 9th
- The November Workgroup meeting was held on November 13th from 4 – 5:30 p.m. at the Robert Cabral Ag Center, Mokelumne Room
- The next Workgroup meeting is scheduled for December 12th from 4 – 5:30 p.m.
- Situation Assessment interviews are wrapping up
- Notes from the September Workgroup meeting available on the ESJGroundwater.org website (under agendas tab)

Tracking GSA Outreach Efforts



- Reminder: GSAs have been asked to fill out a simple survey each month to indicate the outreach activities planned for the coming month with approximate data on implementation
- Logged outreach activities for the months of October and November are included in this month's Board packet

Groundwater Sustainability Workgroup Update





1810 E. Hazelton Avenue P. O. Box 1810 Stockton, CA 95201 CASTERN SAN JOAQUIN esigroundwater.org Eastern San Joaquin Groundwater Authority Groundwater Sustainability Workgroup November 13, 2018 4 - 5:30 p.m. Robert J. Cabral Agricultural Center 2101 E. Earhart Ave., Stockton, CA Mokelumne Room Agenda Welcome I. **Comments on Meeting Notes** Ш. III. Projects and Management Actions IV. Data Management System (DMS) Demo V. Public Meeting Recap and Outreach Update VI. Follow-Up from Last Meeting VII. Announcements a. VIII. Other Topics a. Non-agenda items b. Public Comment

(209) 468-3089

ESJgroundwaten@sjgov.org

Reminder – The GWA is on Facebook





Eastern San Joaquin Groundwater Authority

Join us tomorrow for our informational meeting from 6:30-8 p.m. at the Manteca Transit Center, 220 Moffat Blvd, Manteca, CA. We want to provide you updates on the Groundwater Sustainability Plan and you can provide us with your input!

EASTERN SAN JOAQUIN Groundwater Authority

BRING YOUR QUESTIONS! WE HAVE THE ANSWERS.



- The ESJ GWA Facebook page provides updates on GSP development and upcoming events
- You can like the page, share posts, or tag the page in your own posts

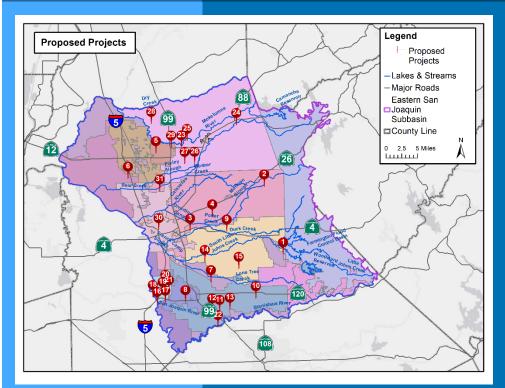
www.facebook.com/ESJGroundwaterAuthority



Projects and Management Actions

Project Locations





31 Proposed Projects Received To-Date

- 1 Farmington Dam Repurpose Project
- 2 Lake Grupe In-Lieu Recharge
- 3 Raw Water Reliability and Recharge
- 4 SW Implementation Expansion
- 5 SW Facility Expansion & Delivery Pipeline
- 6 White Slough WPCF Expansion
- 7 Recycled Water Transfer to Agriculture
- 8 Demand Management Measures
- 9 Water Transfers to SEWD and CSJWCD
- 10 Increase Nick DeGroot SW Deliveries
- 11 City of Escalon Wastewater Reuse
- 12 South San Joaquin Stormwater Reuse
- 13 Pressurization of SSJID Facilities
- 14 BNSC Intermodal Facility Recharge Pond
- 15 CSJWCD Capital Improvement

- 16 Recycled Water Program Expansion
- 17 LAS-3 Percolation Basin
- 18 Conjunctive Use of GW and SW
- 19 UWMP Water Conservation
- 20 NPDES Phase 2 MS4 Compliance
- 21 Water Meter Improvements
- 22 City of Ripon Surface Water Supply
- 23 Cal Fed GW Recharge Project
- 24 Mokelumne River Loss Study
- 25 North System Modernization
- 26 PDA Banking
- 27 South System Modernization
- 28 Tracy Lakes GW Recharge
- 29 Winery Recycled Water
- 30 Advanced Metering Infrastructure
- 31 Mobilizing Recharge Opportunities

Projects Received – Part 1 of 3



Project #	Project Description	Submitting GSA	Category
1	Farmington Dam Repurpose Project	SEWD	Recharge
2	Lake Grupe In-Lieu Recharge	SEWD	Recharge
<mark>3</mark>	Raw Water Reliability and Recharge	SEWD	Recharge
4	SW Implementation Expansion	SEWD	SW Supply
5	SW Facility Expansion & Delivery Pipeline	City of Lodi	SW Supply
6	White Slough WPCF Expansion	City of Lodi	Recycling
7	Recycled Water Transfer to Agriculture	City of Manteca	Recycling/Transfers
8	Demand Management Measures	City of Manteca	Conservation
9	Water Transfers to SEWD and CSJWCD	SSJ GSA	Transfers
10	Increase Nick DeGroot SW Deliveries	SSJ GSA	SW Supply
11	City of Escalon Wastewater Reuse	SSJ GSA	Recycling
	Highlighted projects included in baseline		13

Projects Received – Part 2 of 3



Project #	Project Description	Submitting GSA	Category
12	South San Joaquin Stormwater Reuse	SSJ GSA	Stormwater
13	Pressurization of SSJID Facilities	SSJ GSA	Conservation
14	BNSC Intermodal Facility Recharge Pond	CSJWCD	Recharge
15	CSJWCD Capital Improvement Program	CSJWCD	SW Supply
<mark>16</mark>	Recycled Water Program Expansion	City of Lathrop	Recycling
17	LAS-3 Percolation Basin	City of Lathrop	Recharge
<mark>18</mark>	Conjunctive Use of GW and SW	City of Lathrop	SW Supply
<mark>19</mark>	City of Lathrop UWMP Water Conservation	City of Lathrop	Conservation
<mark>20</mark>	NPDES Phase 2 MS4 Compliance Program	City of Lathrop	Stormwater
<mark>21</mark>	Water Meter Improvements	City of Lathrop	Conservation
22	City of Ripon Surface Water Supply	SSJ GSA	SW Supply
	Highlighted projects included in baseline		14

Projects Received – Part 3 of 3



Project #	Project Description	Submitting GSA	Category
23	Cal Fed GW Recharge Project	NSJWCD	Recharge
24	Mokelumne River Loss Study	NSJWCD	Accounting
25	North System Modernization	NSJWCD	SW Supply
26	PDA Banking	NSJWCD	SW Supply
27	South System Modernization	NSJWCD	SW Supply
28	Tracy Lakes GW Recharge	NSJWCD	Recharge
29	Winery Recycled Water	NSJWCD	Recycling/Recharge
30	Advanced Metering Infrastructure	City of Stockton	Accounting
31	Mobilizing Recharge Opportunities	San Joaquin County	Recharge

Overview of Project Review

Project Review



Projects were reviewed using the criteria developed by the Advisory Committee:



- Implementability
- Location / Proximity to Area of Overdraft
- Cost per Volume Water Savings
- Environmental Benefit / Impact
 - Disadvantaged Community Benefit
- Water Quality Impact (Positive or Negative)

Preliminary Project Portfolios



Preliminary portfolios have been developed to package projects most in line with these criteria:

- Cost-Effectiveness
- Regional Diversity
- Minimized Infrastructure
- Environmental Benefit
- DAC Benefit

- Impact on Cone of Depression
- Fast Implementation
- Small-Volume Projects
- Large-Volume Projects

Monitoring Network and TSS Wells

Technical Support Services (TSS) Funding Update



- *Review:* TSS funding will provide funding to construct monitoring wells in areas where data gaps exist
- The next step in the application process is to select ~3 wells to propose for funding
- Today we will discuss areas where data gaps exist and locations to prioritize for TSS funding

Purpose of Analysis

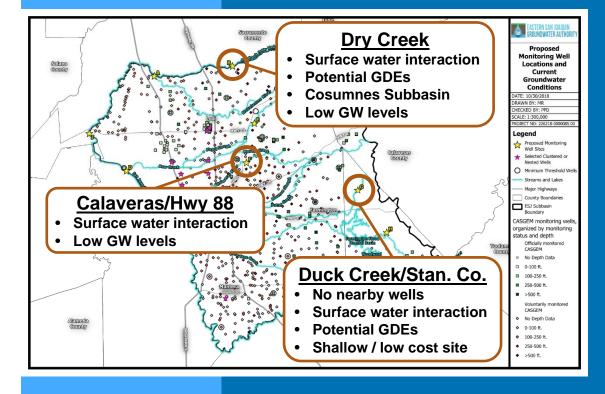




- 1) Integrate datasets
- 2) Identify data gaps in monitoring network
- 3) Prioritize data gaps for TSS funding application

3 Locations Have Been Identified as Priorities for TSS Wells





These locations are recommended based on their ability to assess sustainability and support future projects

Next Steps



Potential Action: Authorize Basin Coordinator (Brandon Nakagawa) to submit a TSS application

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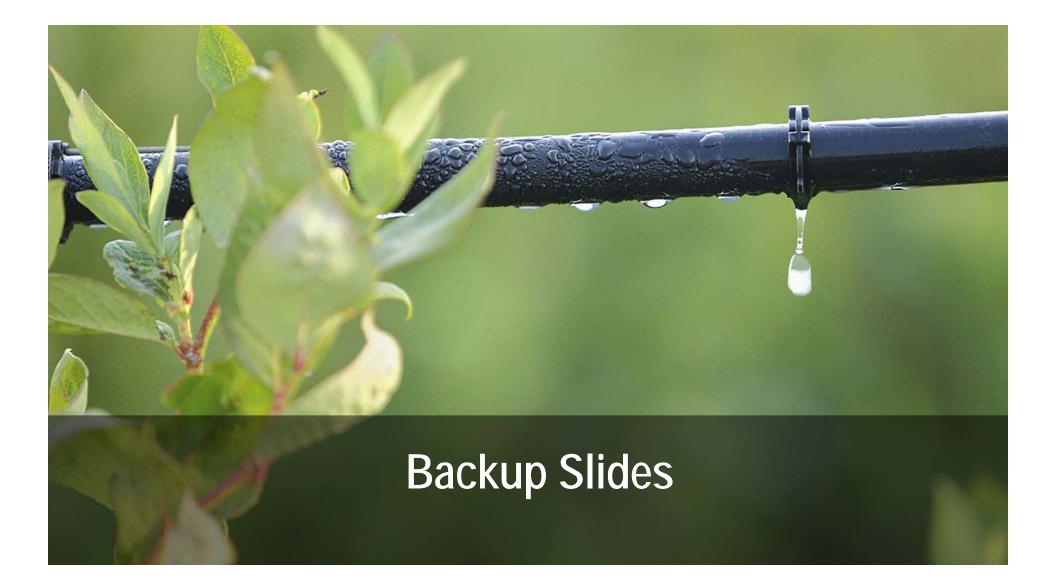
December Board Topics





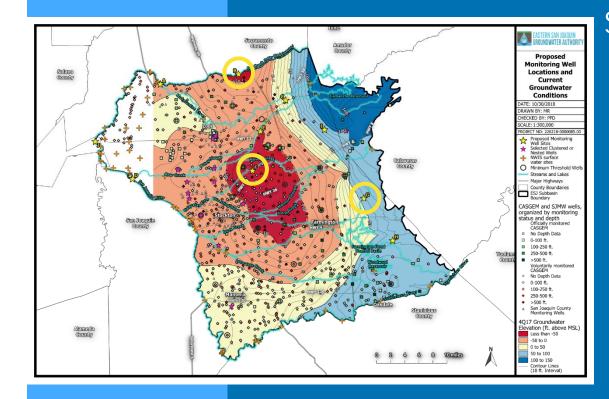
• Projects and Management Actions





3 Recommended Locations



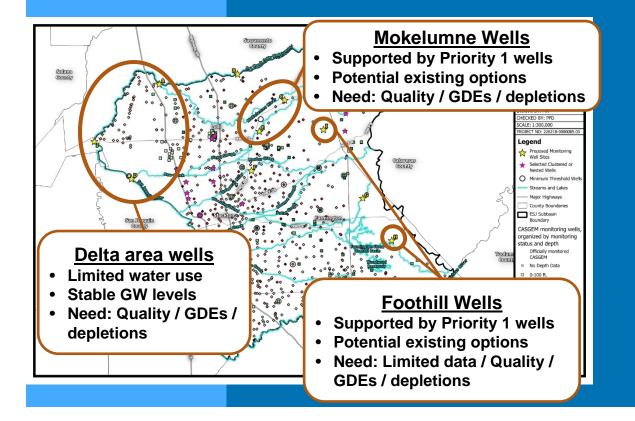


Selected sites address areas with

- Low groundwater levels
- "Straight contours," indicating insufficient data

Second Tier of Priority Monitoring Well Locations





The second tier of monitoring well locations will be refined through the GSP process