



**EASTERN SAN JOAQUIN
GROUNDWATER AUTHORITY**

**GWA Board Meeting
November 13, 2019**

Agenda



- Approval of October Meeting Minutes
- GSP Adoption Process
- Grant Update
- Plan Implementation
 - a. Work items to start in 2020
 - b. Plan Administration
 - c. Budget through June 30, 2020
 - d. Longer Term Cost Allocation
- DWR Update
- December Agenda Items



GSP Adoption Process

Timeline for GSP Adoption



- Public Draft comment period July 10 – Aug. 25
- NOI to adopt GSP distributed – Aug. 16
- Final GSP distributed – Nov. 5
- JPA recommendation to adopt – Nov. 13
- Individual GSAs adopt Final GSP – Nov. 14 – Jan. 1
- JPA action to accept Plan – Jan. 8
- GSP submittal deadline – Jan. 31, 2020

GSA Adoption Dates



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Agency Name	Public Hearing Date	Meeting Time
Central Delta Water Agency	10-Dec-19	9:30 AM
Central San Joaquin Water Conservation District	21-Nov-19	Noon
City of Lodi	20-Nov-19	7:00 PM
City of Manteca	3-Dec-19	7:00 PM
City of Stockton	10-Dec-19	5:30 PM
Lockeford Community Services District	14-Nov-19	9:00 AM
North San Joaquin Water Conservation District	16-Dec-19	2:00 PM

GSA Adoption Dates



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Agency Name	Public Hearing Date	Meeting Time
Oakdale Irrigation District	10-Dec-19	9:00 AM
San Joaquin County #1	10-Dec-19	9:00 AM
San Joaquin County #2	10-Dec-19	9:00 AM
South Delta Water Agency	4-Dec-19	1:30 PM
South San Joaquin GSA	20-Nov-19	9:00 AM
Stockton East Water District	17-Dec-19	Noon
Woodbridge Irrigation District	14-Nov-19	9:00 AM

GSA Adoption Dates



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Agency Name	Public Hearing Date	Meeting Time
<i>Eastside San Joaquin GSA</i>		
Calaveras County Water District	11-Dec-19	9:00 AM
Stanislaus County	10-Dec-19	9:00 AM
Calaveras County	10-Dec-19	9:00 AM
Rock Creek Water District	11-Dec-19	6:00 PM

Board Recommendation for GSP Adoption



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Board Action:

GWA Board to make recommendation that individual GSAs formally adopt the GSP.



Grant Update

Prop 68 SGWP Grant Application



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- Monies to fund preparation and/or implementation of a GSP
- Applications due to DWR by November 15, 2019 by 1 pm
- Draft funding awards released in January-February 2020
- Final funding awards released in March 2020
- Existing Prop 1 SGWP grant agreements will be amended with additional award
- Up to \$500,000 available to ESJ Subbasin with minimum \$200,000 request required

Prop 68 SGWP Grant Application – Selected Components and Budget



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Projects selected:

Component 1: Grant Agreement Administration (\$50,000)

Component 2: Monitoring Equipment Acquisition (\$25,000)

Component 3: Financing Plan (\$50,000)

Component 4: Monitoring Network Expansion (\$400,000)

Component 5: Data Management System Refinement (\$50,000)

Total Proposal Fee: \$575,000

(\$500,000 grant funding + \$75,000 funding match)

Prop 68 SGWP Grant Application – Schedule



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Schedule:

- Propose GWA Board Adopt Resolution submit grant application 10/17/19
- Anticipated start date of 4/1/2020
- Anticipated completion date of 1/4/2022



Plan Implementation

Plan Implementation



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Work items to start in 2020

- Monitoring levels and quality
- DMS
- April 1, 2020 Reporting
- Model run through 2019
- Plan Administration
- Outreach

Plan Implementation



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Governance Structure

- Transition between GSP preparation and implementation stage
- Update of JPA (what is needed post adoption)

Plan Administration

- Meeting structure and frequency

Plan Implementation



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Current Committees:

- Advisory Committee

Potential Committees for Implementation:

- Executive Committee (agenda, speakers, governance, communication)
- Data & Reporting (field data, DMS, reporting)
- Standing Projects
- Budget & Finance
- Outreach & Education

Plan Implementation



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Budget through June 30, 2020

- Monitoring for spring - \$87,500
- DMS - \$35k
- April 1, 2020 Reporting - \$75k
- Model run through 2019 - \$15k
- Plan Administration –\$45k - \$135k depending approach/insurance requirements, etc.
- Outreach -\$20k-\$35k

Subtotal \$278k - \$383k

Reminder: State Intervention



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- There are stipulations in the regulation if GSAs cannot come to agreement
- If deadline is missed or if DWR determines a plan is not adequate or progress toward sustainability is not occurring, the State Water Resources Control Board (SWRCB) can designate basins as “probationary” and directly manage groundwater extractions. If this occurs, the State can control extractions through pumping allocations (metering and monthly reporting required)

Potential Fees for Under State Intervention – State Backstop



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Fee Category*	Annual Fee	Applicable Parties
Base Filing Fee	\$300 per well	All extractors required to report.
Unmanaged Rate	\$25 per acre-foot	Extractors in unmanaged areas. If extractors use a meter to measure extractions the rate is \$10 per acre-foot.
Probationary Rate	\$40 per acre-foot	Extractors in probationary basins.
Interim Plan Rate	\$55 per acre-foot	Extractors in probationary basins where the Board determines an interim plan is required.
De minimis Fee	\$100 per well	A well owner that extracts two acre-feet or less per year for domestic purposes in a probationary basin, if the Board decides these extractions are significant.
Late Fee	25% of total fee per month	Extractors that do not file reports by the due date.

*Fees are subject to change. Additional information available at waterboards.ca.gov/gmp.

Potential Fees for Under State Intervention – State Backstop



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Fee Example Scenarios

- The following table provides examples of how the proposed probationary fee rates for eight hypothetical farms would approximately relate to a fee based on irrigated acreage:

Crop	Irrigated Acreage	Acre Feet of Water Applied Annually Per Acre (DWR ^(b))	Probationary Rate	Cost per Acre	Total Cost
Alfalfa	150	5.05	\$40	\$202	\$30,300
Almonds	150	3.54	\$40	\$142	\$21,240
Corn	150	2.83	\$40	\$113	\$16,980
Cotton	150	3.09	\$40	\$124	\$18,540
Grapes	150	1.86	\$40	\$74	\$11,160
Misc. Fruit Trees	150	3.3	\$40	\$132	\$19,800
Pistachios	150	3.54	\$40	\$142	\$21,240
Rice	150	4.56	\$40	\$182	\$27,360

(b) State-wide averages, Department of Water Resources, Agricultural Land and Water Use Estimates, 2010

- The following table provides examples of how the proposed probationary fee rates would apply to a municipal water supplier and industrial user:

Purpose of Use	Example Volume	Probationary Rate	Total Cost
Municipal Water Supply	3,600 acre-feet	\$40	\$144,000
Semiconductor Factory (Industrial)	5,200 acre-feet	\$40	\$208,000

Plan Implementation



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Longer Term Cost Allocation

- Discussion Area

Approach for Cost Sharing



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Variety of cost-sharing **allocation methodology** was reviewed including:

- Even-split Contribution
- Total Acreage
- Developed Acreage
- Ability to Pay
- Total Water Use
- Total Pumping
- Population

Cost Allocation Recommendation



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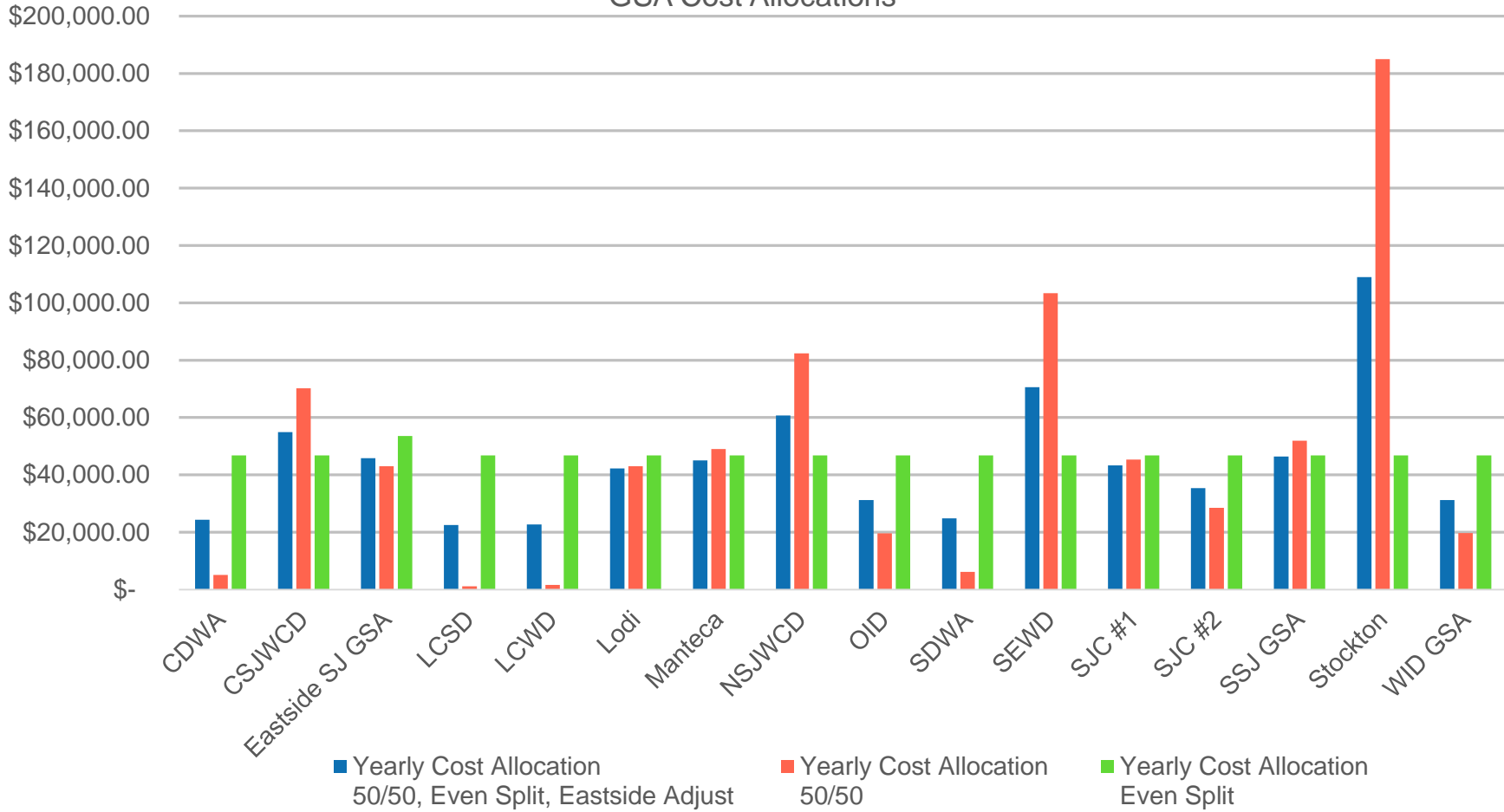
Ad Hoc recommendation for allocation methodology:

- Even split among 16 GSAs for basin-wide water quality review, administration and outreach elements
- Monitoring completed by GSAs in-kind or County
- Annual Reporting covered by Zone 2 funds (accept Eastside GSA)
- Model refinements & 5-Year Update – 50% of cost shared based on GSAs % of total pumping, and 50% of shared based on total population

Comparison of Cost Allocation Methods

GSA	Yearly Cost Allocation 50/50, Even Split, Eastside Adjust	Yearly Cost Allocation 50/50	Yearly Cost Allocation Even Split
CDWA	\$24,376.51	\$5,136.25	\$46,760.83
CSJWCD	\$54,954.67	\$70,168.68	\$46,760.83
Eastside SJ GSA	\$45,790.88	\$42,987.48	\$53,587.50
LCSD	\$22,478.08	\$1,098.75	\$46,760.83
LCWD	\$22,703.18	\$1,577.49	\$46,760.83
Lodi	\$42,208.92	\$43,061.51	\$46,760.83
Manteca	\$45,007.67	\$49,013.80	\$46,760.83
NSJWCD	\$60,710.53	\$82,410.02	\$46,760.83
OID	\$31,188.52	\$19,623.76	\$46,760.83
SDWA	\$24,879.74	\$6,206.49	\$46,760.83
SEWD	\$70,570.72	\$103,380.28	\$46,760.83
SJC #1	\$43,277.79	\$45,334.75	\$46,760.83
SJC #2	\$35,355.61	\$28,486.18	\$46,760.83
SSJ GSA	\$46,361.14	\$51,892.30	\$46,760.83
Stockton	\$108,928.09	\$184,957.22	\$46,760.83
WID GSA	\$31,207.93	\$19,665.05	\$46,760.83
Sub Total	\$710,000	\$755,000	\$755,000
Zone 2	\$225,000	\$225,000	\$225,000
GSA's	\$45,000		
	\$ 980,000	\$980,000	\$980,000

GSA Cost Allocations





DWR Update



December Agenda Items

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- Ad-hoc Implementation Recommendations
- Adoption Next Steps



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