
AGENDA
SOUTH SAN JOAQUIN GROUNDWATER SUSTAINABILITY
AGENCY
BOARD OF DIRECTORS
SPECIAL MEETING
JANUARY 24, 2018

CALL TO ORDER: 9:00 a.m. District Office Boardroom
11011 East Highway 120, Manteca, California

FLAG SALUTE - PLEDGE OF ALLEGIANCE

ROLL CALL: Tammy Alcantor, Bob Holmes, Dave Kamper, Dale Kuil, Kevin Werner, Leo Zuber

PUBLIC COMMENT: The Board of Directors welcomes participation in Board meetings. Matters under the jurisdiction of the Board that are not posted on the Agenda, may be addressed by the general public. However, California Law prohibits the Board from taking action on any matter which is not on the posted Agenda unless the Board determines that it is an emergency or other situations specified in Government Code Section 54954.2. Per Board action taken on January 12, 1988, public comment is limited to 5 minutes per individual. If members of the public desire to address the Board relative to a particular Agenda Item at the time which it is to be considered, they should so notify the President of the Board at this time.

ACTION CALENDAR

ITEMS 1 – 4

1. Consider approval of the meeting Minutes of August 7, 2017.
 2. Consider approval of Resolution #2018-01-B approving 2018 Budget and Cost Allocation for the South San Joaquin Groundwater Sustainability Agency.
 3. Consider approval of Resolution #2018-02-B Approving the Eastern San Joaquin Groundwater Authority Cost Allocation Proposal dated November 8, 2017
 4. Consider action to calendar the next Governing Board meeting.
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COMMUNICATION

ITEM 5

5. Various reports to the Governing Board:
 - a) Staff and consultant updates
 - b) Technical Advisory Committee
 - c) Member reports

ADJOURNMENT

ITEM 6

6. Adjourn to the next scheduled meeting.

- Items on the Agenda may be taken in any order.
- Action may be taken on any item listed on the agenda.
- Writings relating to an open session agenda item that are distributed to members of the District office, excluding writings that are not public records or are exempt from disclosure under the California Public Records Acts

*Persons who require accommodation in order to participate in the meeting should contact the District's Clerk of the Board at (209) 249-4623 at least 48 hours before the meeting.

ITEM #1

Manteca, California
August 7, 2017

The Governing Board of the South San Joaquin Groundwater Sustainability Agency (SSJGSA) met in a special session at the SSJID Board Room at 9:00 a.m. Dale Kuil called the meeting to order and led the flag salute. Self-introductions were made.

Upon roll call the following members were noted present:

DIRECTORS: Tammy Alcantor, City of Escalon
Robert Holmes, South San Joaquin Irrigation District
Dale Kuil, South San Joaquin Irrigation District
Ralph Roos (alternate), South San Joaquin Irrigation District
Leo Zuber, City of Ripon

ABSENT: NONE

Also present were SSJID General Manager Peter Rietkerk, SSJID Engineering Department Manager Sam Bologna, City of Ripon Administrator Kevin Werner, Valerie Kincaid, SSJID Special Counsel with O’Laughlin & Paris LLP, and SSJID Clerk of the Board Betty Garcia.

Public Comment - None

ACTION CALENDAR

Item #1 – Oath of Office

Ms. Robin Giuntoli, Notary Public with SSJID, issued the Oath of Office to each director of the SSJGSA.

Item #2 – Officer Appointments

A motion was made by Director Kuil and seconded by Director Roos to nominate the following directors to the office of:

CHAIR	BOB HOLMES
VICE-CHAIR	LEO ZUBER
SECRETARY	PETER RIETKERK

The motion passed 5 to 0 by the following vote:

AYES:	ALCANTOR HOLMES KUIL ROOS ZUBER
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

Item #3 – Purpose/Mission Statement

Mr. Rietkerk reviewed Section 1 (Purpose) of the SSJGSA Memorandum of Understanding with the group. He read the following paragraphs:

The Parties hereby establish the South San Joaquin Groundwater Sustainability Agency to manage the portion of the Eastern San Joaquin Subbasin within the Parties' collective jurisdictions. The purpose of this MOA is to establish a framework to govern the actions of the SSJGSA. These actions include the development and implementation of a GSP for the Managed Area. The Parties intend to collaborate with other local agencies in the potential development of a Basin-wide GSP that is consistent with the goals, interests, authorities and responsibilities of the Parties. The Parties also have discretion under this MOA to form a separate GSP for the Managed Area and to work collaboratively with other GSAs within the Basin to enter into Coordination Agreements as required by the Act. In addition, in the future, the Parties may decide to form a new entity in order to serve as the GSA under a Joint Powers Agreement.

In developing, adopting and implementing a GSP for the Managed Area, or in any coordination with other GSAs and other interests in developing and implementing a Basin-wide GSP that is consistent with the Parties' goals and objectives for the Managed Area, it is each Party's intent, goal and objective to maintain complete control and autonomy over the surface water supplies, water facilities, water operations, groundwater supplies and assets to which each Party and each Party's constituents are legally entitled. Nothing in this MOA requires any contribution or commitment by a Party to share or otherwise contribute that Party's Water Assets as part of the development or implementation of a GSP without that Party's written consent.

In summary of the purpose statement noted above, the following purposes are recommended to guide SSJGSA board and staff in their efforts towards SGMA compliance:

Purpose/Mission Statement

- Establish a collaborative framework to govern the actions of the SSJGSA in a manner that respects the control and autonomy of each Parties water resources, facilities, operations, and water assets, without obligating the Parties to contribute such resources without a Party's express consent
- Manage the portion of the Eastern San Joaquin Subbasin within the Parties jurisdictions
- Develop and implement a groundwater sustainability plan for the local Managed Area
- Collaborate with other local agencies in the development of a Basin-wide GSP that is consistent with the goals, interests, authorities, and responsibilities of the Parties. To the extent this collaboration does not serve the interest of the Parties, the SSJGSA may need to consider developing a separate GSP for the Managed Area and collaborating with other GSAs within the basin to enter into Coordination Agreements
- Determine whether to formalize the MOA under a Joint Powers Agreement for the GSA

A motion was made by Director Zuber and seconded by Director Alcantor to approve the purpose/mission statement listed above. The motion passed 5 to 0 by the following vote:

AYES:	ALCANTOR HOLMES KUIL ROOS ZUBER
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

Item #4 – Approve the Eastern San Joaquin Groundwater Authority Joint Exercise of Powers Agreement and Authorize the Governing Board Chair to execute the Agreement on behalf of the SSJGSA

A motion was made by Director Zuber and seconded by Director Kuil to authorize the SSJGSA Chair to execute the JPA on behalf of the SSJGSA representatives.

The motion passed 5 to 0 by the following vote:

AYES: ALCANTOR HOLMES KUIL ROOS ZUBER
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

Item #5 – Appoint SSJGSA Representative to the Eastern San Joaquin Groundwater Authority Board

A motion was made by Director Zuber and seconded by Director Roos to appoint Dale Kuil as the representative to the Eastern San Joaquin Groundwater Authority JPA Board and to appoint Robert Holmes as the alternate representative.

The motion passed 5 to 0 by the following vote:

AYES: ALCANTOR HOLMES KUIL ROOS ZUBER
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

Item #6 – Approval of Proposed Calendar Year 2017 Budget

A motion was made by Director Roos and seconded by Director Zuber to adopt the current SSJID Budget available for groundwater activities totaling approximately \$150,771 for the remainder of Calendar Year 2017. Furthermore, SSJID is willing to accept financial responsibility for the proposed SSJGSA budget for the remainder of Calendar Year 2017, subject to revision based on proposal and adoption of new Groundwater Authority budgetary changes.

The motion passed 5 to 0 by the following vote:

AYES: ALCANTOR HOLMES KUIL ROOS ZUBER
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

Item #7 – Formation of a Joint Powers Authority and future inclusion of the City of Manteca

Mr. Rietkerk said during the discussions that led to the development of the SSJGSA, the Parties expressed interest in eventually converting the current MOA relationship into a joint-powers authority and forming a separate entity governed by the parties for the same purposes as the

current MOA. The joint powers agreement format did not materialize during SSJGSA formation talks because of the short timeframe for forming GSAs in order to comply with SGMA. He explained that agencies are utilizing joint powers authorities for groundwater management is to limit the potential liability of the individual agency by forming a separate agency to comply with SGMA and perform groundwater sustainability plan implementation. Ms. Kincaid said if the SSJGSA forms a Joint Powers Authority the Eastern San Joaquin Groundwater Authority would have to adopt it.

A motion was made by Director Zuber and seconded by Director Kuil to move forward with the process to form a Joint Powers Authority with or without the inclusion of the City of Manteca.

The motion passed 5 to 0 by the following vote:

AYES:	ALCANTOR HOLMES KUIL ROOS ZUBER
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

Item #8 – Conflict of Interest Code Requirements

Ms. Kincaid stated that the Conflict of Interest Code is not required at this time until the formation of a JPA is completed.

This item was discussed but no action was taken.

Item #9 – Policy Statements regarding stakeholder inclusion and participation in the Eastern San Joaquin Groundwater Authority

Mr. Rietkerk stated the purpose of this item is to entertain general discussion and direction from the Governing Board regarding the need to issue policy statements about participation in the new Eastern San Joaquin Groundwater Authority, or other communication needs for stakeholders and local communities the Parties serve. He said some agencies are creating communications plans that set out stakeholder engagement, and communicate purpose to their stakeholders and community. Ms. Kincaid said that SGMA requires an active participant list, however, at this point, SSJGSA is not required to put out a public parties statement. Ms. Kincaid noted that at minimum, people who inquire about the group should be added to an interested parties list.

This item was discussed but no action was taken.

Item #10 – Bylaws

Ms. Kincaid briefly reviewed the proposed Bylaws for the SSJGSA with the group. Director Zuber noted under article 4.1 under Officers, the bylaws review the responsibilities of a Treasurer and that item #6.2.1 says the Board shall appoint the Treasurer from one of the Agency’s members. The group agreed to make changes to the Bylaws and they can be brought back at a later date for consideration.

This item was discussed but no action was taken.

Item #11 – Advisory Committee Appointments

Mr. Rietkerk stated the MOA requires that the Governing Board establish a Technical Committee made up of GSA staff. He said moving forward, managerial staff, as well as additional technical, financial, and legal staff from the parties and outside consultants will be necessary to inform and provide recommendations to the technical committee for the direction in the GSP plan development and implementation.

A motion was made by Director Zuber and seconded by Director Roos to nominate Tammy Alcantor, Kevin Werner, Valerie Kincaid, Sam Bologna, and Peter Rietkerk to serve on the technical committee and provide the committee the latitude to engage additional GSA staff from their individual agencies and consultants within approved budgets to accomplish the mission of the SSJGSA.

The motion passed 5 to 0 by the following vote:

AYES: ALCANTOR HOLMES KUIL ROOS ZUBER
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

Item #12 – ADJOURNMENT

There being no further business to come before the board, a motion was made by Director Zuber and seconded by Director Roos to adjourn the meeting at 10:42 a.m.

The motion passed 5 to 0 by the following vote:

AYES: ALCANTOR HOLMES KUIL ROOS ZUBER
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

ATTEST: _____
 Betty L. Garcia, Clerk of the Board

ITEM #2

STAFF MEMO
SOUTH SAN JOAQUIN GROUNDWATER SUSTAINABILITY AGENCY
GOVERNING BOARD MEETING OF: January 24, 2018

DATE: January 17, 2018

TO: Governing Board
South San Joaquin Groundwater Sustainability Agency

FROM: Peter Rietkerk, General Manager, SSJID

SUBJECT: South San Joaquin Groundwater Sustainability Agency
Proposed Draft Budget and Cost Allocation

EXECUTIVE SUMMARY

South San Joaquin Groundwater Sustainability Agency (SSJGSA) staff is seeking review and approval from the Governing Board on the proposed Calendar Year 2018 budget and cost allocation among the SSJGSA members. The proposed budget and cost allocation for the 2018 Calendar Year is as follows:

Table 1. 2018 Proposed Budget and Cost Allocation

1		<u>Proposed 2018 Budget</u>	
2	OPERATING EXPENSES		
3	Surface Water Consultant	65,000	
4	Groundwater Consultant	65,000	
5	Legal	24,000	
6	ESJGA GSP Development	11,664	
7	SSJID Admin	57,600	
8	Total Operating Expenses	<u>223,264</u>	
9			
10		Proposed Cost Allocation	
11		Proposed Allocation	Allocated Costs
12	SSJID	85%	189,774
13	City of Escalon	5%	11,163
14	City of Ripon	10%	22,326
15	Total	<u>100%</u>	<u>223,264</u>

Note

1. Revenues to the SSJGSA are equivalent to expenses for budgeting and cost allocation purposes.

This recommended budget for 2018 expenditures and revenues for SSJGSA activities is based on a review of proposed SSJID budget for SGMA related activities in 2018, as well as a projection of consulting and legal activities necessary to support proposed SSJGSA activities. These activities include reorganization of the SSJGSA to a joint-powers authority, and review and oversight in the development of a basin-wide groundwater sustainability plan.

The proposed cost allocation is based on a proportional share of total groundwater consumption among the SSJGSA member agencies. According to data collected in 2017, SSJID, and the Cities of Ripon and Escalon use approximately 87%, 10%, and 3% of the total SSJGSA annual groundwater use, respectively.

Staff understands that there are shared concerns from the member agencies regarding potentially ever-increasing future expenditures to obtain compliance with SGMA. The total cost to meet SGMA compliance for the SSJGSA member agencies is unknown largely because this is a new regulatory effort with little historical precedent. Furthermore expenditures are influenced by a number of variables including but not limited to:

- How the SSJGSA participates to develop a GSP
- Whether grant funding is made available for GSP development
- Future requirements for ongoing data collection and state reporting

Staff has and will continue to maintain fiscal vigilance in developing budget recommendations for the SSJGSA governing board. This includes vetting and consideration of legal and technical assistance necessary to guide the Governing Board and the member agencies toward compliance with the SGMA regulation.

BACKGROUND

At the June 27, 2017 SSJID Board meeting, directors approved a proposal to the SSJGSA to cover all costs associated with administering SSJGSA activities, including Eastern San Joaquin Groundwater Authority (ESJGA) participation through December 31, 2017. Justifications for SSJID's obligation to pay SSJGA expenditures in 2017 included the following:

- SSJID 2017 budget for Sustainable Groundwater Management activities exceeded likely expenditures to administer the SSJGSA, including membership in the ESJGA through the remainder of 2017
- SSJID's proportion of total groundwater consumption within its service area, inclusive of private landowner uses, far exceeds the Cities of Ripon and Escalon's groundwater consumption.
- At that time, there was insufficient clarity about future financial obligations of the SSJGSA through participation and membership in the ESJGA.

This proposal was accepted by the SSJGSA member Cities, approved unanimously by the SSJGSA board at their August 7, 2017 meeting, and served as the first operating budget for the SSJGSA.

Now that 2018 has arrived, the SSJGSA needs to consider adoption of a formal budget and cost allocations amongst its members for 2018 activities. In addition, the ESJGA is also seeking approval of a proposed cost allocation for member GSAs to fund development of the basin-wide the groundwater sustainability plan and meet potential grant funding requirements. The ESJGA is seeking concurrence from the SSJGSA on its funding proposal by its February board meeting. The ESJGA cost assumptions are included in the proposed SSJGSA budget.

PROPOSED BUDGET

The following is a list of assumptions and details that serve as a basis for development of the proposed 2018 SSJGSA budget, and are referenced by row number in Table 1 of this memorandum:

3. SSJID's primary consultant for SGMA engineering support is Davids Engineering. Their work to date has included technical support in the formation of the SSJGSA, development of surface water balance/budgeting, review of groundwater conditions within the Eastern San Joaquin Subbasin, and review of information used in the development of the basin-wide groundwater model. The current remaining budget for SGMA support includes \$49,488 for various SGMA support work, plus a proposed additional scope of \$12,212 to update City and SOI water balances for SGMA review purposes. $\text{Rounded Estimate} = 49,488 + 12,212 = 61,700 + 4,300 \text{ contingency} = 65,000$.
4. This budget includes a proposal to retain groundwater-consulting services for the South San Joaquin Groundwater Sustainability Agency (SSJGSA). The Eastern San Joaquin Groundwater Authority (ESJGA) is in the midst of developing a groundwater model that will ultimately serve as the technical basis for the development of the basin-wide Groundwater Sustainability Plan (GSP). In order for the SSJGSA and its member agencies to adequately review and provide constructive feedback in the development of the groundwater model and GSP, it is imperative that properly qualified groundwater technical services are retained. The SSJGSA anticipates using a groundwater consultant to participate in technical discussions and advise the SSJGSA technical advisory committee and Board as necessary through review and participation in development of the basin-wide GSP.

In addition, while the current SSJGSA position is to support and participate in a basin-wide GSP, one of the mission objectives of the SSJGSA is to “*consider developing a separate GSP for the Managed Area and collaborating with other GSAs within the basin to enter into Coordination Agreements.*” Retaining and developing groundwater consulting expertise provides extra flexibility for the SSJGSA to exercise this option in the future to meet the common interests of the SSJGSA and its members.

5. Valerie Kincaid, O’Laughlin and Paris, will continue to serve as Special Groundwater Counsel for SSJID and provide legal support to the SSJGSA. Proposed legal efforts in 2018 include general on-call services, as well as reorganizing the SSJGSA into a joint-powers authority.

6. During the fall of 2017, the ESJGA board and participating GSAs developed an anticipated scope, budget and cost allocation to prepare a groundwater sustainability plan that will cover the entire subbasin. The ESJGA submitted the scope and budget as part of a grant application to access DWR SGMA grant funding made available in Fall 2017. The estimated cost to develop the basin-wide GSP is \$2,176,420. If awarded the full \$1,500,000 grant request with the Disadvantaged Communities local cost-share reduction, the ESJGA estimates that each member GSA will be obligated to pay approximately \$11,664 to develop the plan over the next two-years. The ESJGA budget includes a commitment from San Joaquin County to allocate \$450,000 of Zone 2 funding toward this effort. This estimate at present does not include costs associated with administration of the ESJGA and the County has not confirmed details yet on future proposed requirements for ESJGA administration. More information regarding the proposed GSP development budget is provided in **Attachment A**.

The proposed budget does not include contingency plans to account for a potential scenario where the ESJGA is not awarded a DWR grant. If this scenario came to fruition, with the same underlying methodology and funding, each GSA would be required to contribute approximately \$100,000 to cover budget shortfalls. However, it is likely that further deliberations would occur and a revised cost allocation would be developed by the member agencies under this scenario.

While the proposed ESJGA expenditure is presumed to occur over a two-year period, the entire cost was included in the 2018 SSJGSA budget because it is not yet understood how evenly those expenditures will occur over the next two-years.

7. This is an estimate of South San Joaquin Irrigation District’s technical and administrative costs to operate the South San Joaquin Groundwater Sustainability Agency for 2018. Below are the assumptions for development of this estimate:

- a. Direct costs for SSJID staff time consisting of engineering technical services and contract management; and administrative effort for SSJGSA board meetings, billings, and financial review.
- b. No hours included for SSJID General Manager under the assumption that GSA member management will provide similar review and technical oversight.
- c. Labor rates are unburdened rates and exclude benefit compensation.

COST ALLOCATION:

As recommended in Table 1, SSJGSA staff is asking the Governing board to consider a cost allocation that would include an SSJID obligation of 85-percent of the cost to administer/operate the SSJGSA, with the Cities of Ripon and Escalon covering the remaining 15-percent of budgeted expenditures. The basis of this recommendation is groundwater consumption by SSJGSA member entities as illustrated in Table 2 below.

Table 2. South San Joaquin Groundwater Sustainability Agency Member Statistics

Cities	Population ⁽¹⁾	Area (Acres)	Annual Water Supply (AF) ⁽²⁾	Groundwater Use (AF) ⁽³⁾	Surface Water Use (AF)
Ripon	15,906	3,517	7,144	6,072	1,072
Escalon	7,413	1,472	1,707	1,707	0
SSJID	7,891	55,645	284,171	54,380	229,791
Total	31,210	60,634	293,022	62,159	230,863

SSJGSA Member Relative Statistics

Cities	Population	Area (Acres)	Annual Water Supply (AF)	Groundwater Use (AF)	SW Use (AF)
Ripon	51%	6%	2%	10%	0.5%
Escalon	24%	2%	1%	3%	0.0%
SSJID	25%	92%	97%	87%	99.5%

Footnotes:

- 1. SSJID Population Based on 2014 County Data. Although City residents are within SSJID, they were
- 2. Includes both surface and groundwater
- 3. SSJID private and District total groundwater usage totals approximately 54,380 acre-feet annually.

RECOMMENDATION:

Approve the proposed 2018 Calendar Year Budget and Cost Allocation for the South San Joaquin Groundwater Sustainability Agency

ATTACHMENT A

PROPOSED LOCAL COST SHARE ALLOCATION AMONG GSAs:
Split Evenly, with Zone 2 Contribution

- Remaining Cost to be Redistributed = \$226,420
- GSAs' Shares = $\$676,420/17 = \$39,789$
- Zone 2 Contribution = \$450,000
 - Not all GSAs in San Joaquin County
 - Divide \$450,000 by the number of GSAs in SJC (16)
- Share Reduction Per GSA (In SJC) by Zone 2 = \$28,125
- Remaining Share per GSA in SJC = \$11,664
- Eastside GSA Share = $\$676,420/17 = \$39,789$

Payable in two installments following adoption of GWA Budget (July 1, 2018 and July 1, 2019)

DRAFT – For Discussion Purposes Only

Proposed Local Cost Share Allocation per Groundwater Sustainability Agency

	Groundwater Sustainability Agency	Total Amount*
1	Central Delta Water Agency	\$11,664
2	Central San Joaquin Water Conservation District	\$11,664
3	City of Lathrop	\$11,664
4	City of Lodi	\$11,664
5	City of Manteca	\$11,664
6	City of Stockton	\$11,664
7	Eastside GSA	\$39,789
8	Linden County Water District	\$11,664
9	Lockeford Community Services District	\$11,664
10	North San Joaquin Water Conservation District	\$11,664
11	Oakdale Irrigation District	\$11,664
12	San Joaquin County GSA	\$11,664
13	San Joaquin County GSA No. 2 (Cal Water)	\$11,664
14	South Delta Water Agency	\$11,664
15	South San Joaquin GSA	\$11,664
16	Stockton East Water District	\$11,664
17	Woodbridge Irrigation District	\$11,664
	Zone 2 Contribution	<u>\$450,000</u>
	Total	\$676,420

* Payable in two installments following adoption of GWA Budget (July 1, 2018 and July 1, 2019)



DRAFT

**PROP 1 GSP
GSP GRANT APPLICATION**

November 8, 2017

Eastern San Joaquin
Groundwater Authority

Key Points

- \$2,176,420 Total GSP Cost Estimate
- Apply for a Disadvantaged Community Waiver
 - If approved, local cost share is reduced to 25%.
- Apply for the Maximum \$1.5M Grant Amount
- Cost Estimate Sufficient to Ensure Funds are Adequate for Substantially Compliant GSP
- Standard is Substantial Compliance
- Construct Monitoring Wells Added to Task 5
- Propose a Budgetary Approach Expend Only What Needed
- Compressed Schedule:
 - Effective Completion Date - June 30, 2019

Cost Estimate Summary

1. Project Management	\$115,240	5%
2. Develop Fundamental Tools		
2.1 Communicatons & Engagement Plan and Tracking System	\$44,560	2%
2.2 Data Management System	\$193,600	9%
2.3 Water Accounting & Sustainable Management Framework	\$68,800	3%
3. Administrative Information	\$263,560	12%
4. Communications and Engagement	\$465,900	21%
5. Basin Setting (includes monitoring well construction)	\$338,000	16%
6. Groundwater Conditions	\$117,360	5%
7. Water Budget	\$80,280	4%
8. Sustainable Management Criteria	\$121,080	6%
9. Projects and Management Actions	\$103,640	5%
10. Establish Monitoring Networks	\$210,120	10%
11. Submit Groundwater Sustainability Plan to DWR	\$54,280	2%
Total	<u>\$2,176,420</u>	<u>100%</u>

1. Project Management

- 1.1. Kick-off Meeting
- 1.2. Coordination Meetings
- 1.3. Grant Management and Reporting
- 1.4. DWR Coordination

- 24 Monthly Meetings
- 9 Quarterly Grant Management Reports
- \$115K (5%)

2. Develop Fundamental Tools

Fundamental tools to shape the work to be done and guide level of effort (\$307K, 14%)

- 2.1. Develop Stakeholder Communication and Engagement Plan
- 2.2. Develop Data Management System
- 2.3. Develop Water Accounting Framework
 - Hydrologic Assessments and Forecasting
 - Water Shortage and Cost Allocation Strategy
 - Approach for Setting Sustainable Management Criteria
 - Approach to Identifying & Filling Data Gaps

3. Administrative Information

3.1. Background Information

3.2. Water Resource Monitoring and Management Programs

3.3. Land Use Elements or Topic Categories of Applicable General Plans

3.4. Additional GSP Elements Characterizing Subbasin Conditions

- Control of saline water intrusion
 - Migration of contaminated groundwater
 - Well abandonment and well destruction program
 - Replenishment of groundwater extractions
 - Conjunctive use and underground storage
 - Impacts on groundwater dependent ecosystems
-
- Rely on IRWMP & Updated Model
 - New topics including Groundwater Dependent Ecosystems
 - \$264K (12%)

4. Communications and Engagement

4.1. Perform Outreach and Communication

- External of GSAs

4.2 Stakeholder Involvement and Engagement

- GSA focused

4.3 Summarize Notifications and Communications

- \$466K (21%)

5. Basin Setting

- 5.1. Physical Setting and Characteristics
- 5.2. Hydrogeologic Conceptual Model
- 5.3. Identification of Data Gaps and Uncertainty
- 5.4 Construct Monitoring Wells

- Rely on IRWMP and Updated Model to extent possible
- \$338K (16%)

6. Groundwater Conditions

6.1. Description of Current and Historical Groundwater Conditions

6.2. Surface Water Supply

6.3. Management Areas

- Use Updated Model for Current and Historical Conditions
 - Includes 1995-2015 only
- \$117K (5%)

7. Water Budget

7.1. Modify Groundwater Model

7.2. Develop Historical Water Budget

7.3. Develop Projected Water Budget

- Estimate Future Baseline Supply, Demand and Response
 - Estimate Aquifer Response to Plan Implementation
 - Estimate Uncertainty in Supply and Response
-
- Use Updated Model for Current and Historical Condition
 - Includes 1995-2015 only
 - \$80K (4%)

8. Sustainable Management Criteria

8.1. Establish Sustainability Goals

8.2. Develop Processes and Criteria to Define Undesirable Results

- Description of undesirable results
- Cause of groundwater conditions that would lead to undesirable results
- Criteria used to define undesirable results for each sustainability indicator
- Potential effects of undesirable results on beneficial uses and users of groundwater

8.3. Establish Minimum Thresholds and Sustainability Indicators

- Description of each minimum threshold and how they were established for each sustainability indicator

8.4. Define Measurable Objectives to Obtain Goals in 20 Years

- Description of establishment of the measurable objectives for each sustainability indicator
- Description of how a reasonable margin of safety was established for each measurable objective
- Description of interim milestones

- \$121K (6%)
- Simplified accounting method will substantially reduce effort

9. Projects and Management Actions

- Determine Projects and Management Actions
- Evaluate Response to Projects and Management Actions
- Describe Projects and Management Actions
 - Measurable objective that is expected to benefit from each project and management action
 - Management of groundwater extractions and recharge
 - Overdraft mitigation projects and management actions
 - Estimated costs and plans to meet those costs
 - Permitting and regulatory process
 - Time-table for initiation and completion
 - Expected benefits and how they will be evaluated
 - Legal authority required
- Use IRWMP Project List
- Include Management Actions
- \$104K (5%)

10. Establish Monitoring Networks

- Description of monitoring network (density, frequency, rationale)
- Description of monitoring network objectives
- Describe Monitoring Protocols
- Describe Representative Monitoring
- Assessment and Improvement of Monitoring Networks
- Report Monitoring Data to DWR

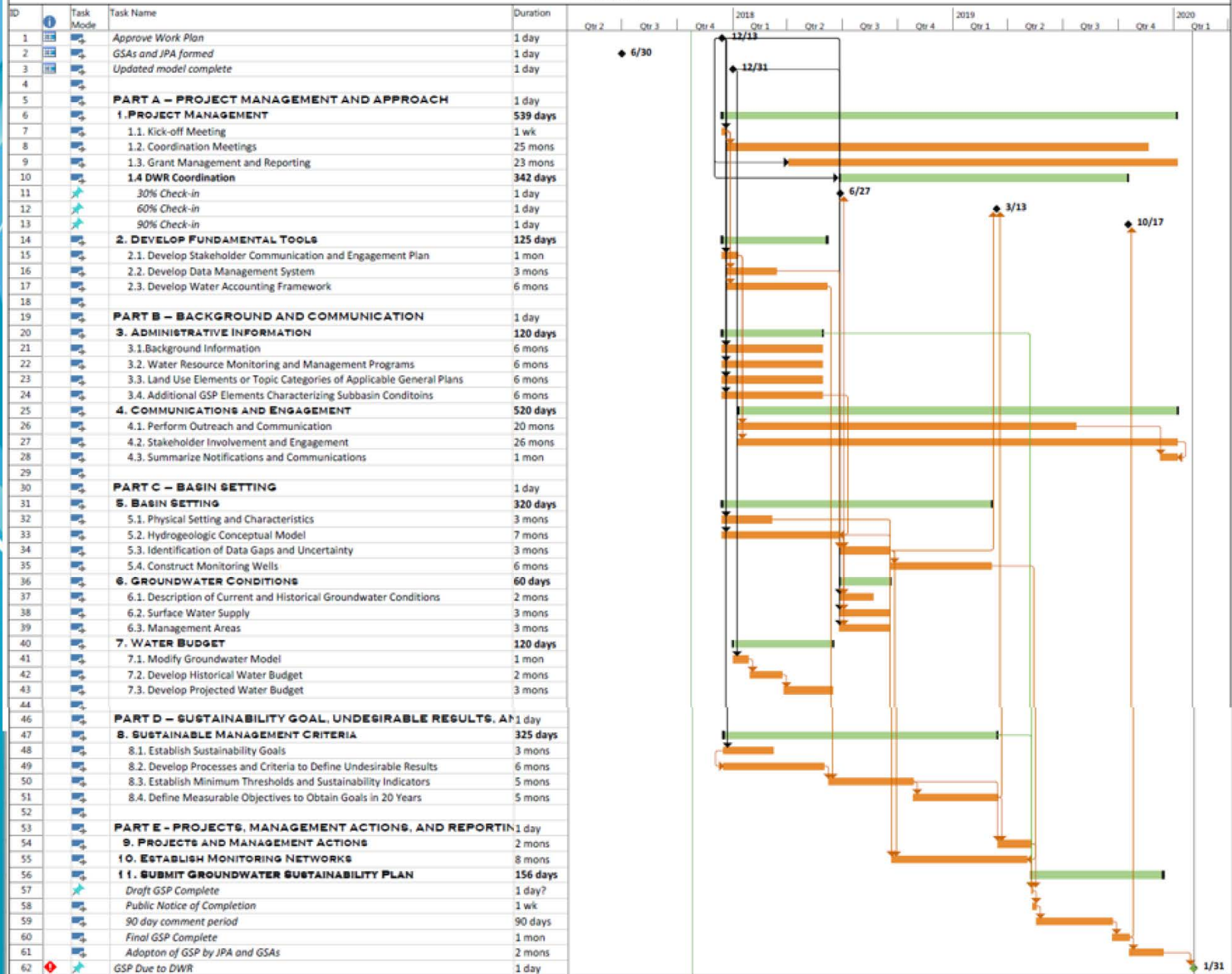
- Reduced costs from representative monitoring
- Reduced costs from simplified accounting
- Reduced costs from minimizing number of management areas
- \$210K (10%)

11. Submit Groundwater Sustainability Plan to DWR

- Publish Draft Plan
- Public Hearing
 - Provide public notice on intent to adopt plan
 - Hold public hearing (90 days after notice)
- Adoption by GSAs (after public hearing)
- Submit GSP

- Target Completion Date – June 30, 2019
- \$54K (2%)

SCHEDULE
EASTERN SAN JOAQUIN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN
10/24/17



**SOUTH SAN JOAQUIN GROUNDWATER SUSTAINABILITY AGENCY
RESOLUTION 2018-01-B
RESOLUTION APPROVING 2018 BUDGET AND COST ALLOCATION FOR THE
SOUTH SAN JOAQUIN GROUNDWATER SUSTAINABILITY AGENCY**

WHEREAS, the South San Joaquin Groundwater Sustainability Agency (SSJGSA) was formed in 2017 through Memorandum of Agreement (MOA) between the City of Escalon, City of Ripon, and South San Joaquin Irrigation District for the express purpose of meeting the requirements of the Sustainable Groundwater Management Act (SGMA); and

WHEREAS, the SSJGSA is exclusively recognized by Department of Water Resources as the groundwater sustainability agency (GSA) authorized by SGMA for sustainable groundwater management within its member service areas; and

WHEREAS, Pursuant to Section 4.0 of the MOA, the Governing Board of the SSJGSA is required to unanimously approve a budget mutually developed by the member agencies; and

WHEREAS, the SSJGSA technical advisory committee participated in the development and review of the 2018 operating budget and concurs with the proposed budget expenditures for the 2018 Calendar Year (2018); and

WHEREAS, the Governing Board has reviewed the proposed 2018 budget and cost allocation for operation of the SSJGSA, and believes it sufficient to support activities necessary to promote compliance with SGMA for the benefit of the local GSA and its member agencies.

NOW, THEREFORE BE IT RESOLVED THAT:

- 1. The South San Joaquin Groundwater Sustainability Agency hereby finds that the facts set forth in the recitals to this Resolution are true and correct, and establish the factual basis for the South San Joaquin Groundwater Sustainability Agency adoption of this Resolution.**
- 2. The South San Joaquin Irrigation Groundwater Sustainability Agency hereby approves the 2018 Calendar Year Budget for the SSJGSA.**
- 3. The South San Joaquin Groundwater Sustainability Agency further approves the 2018 Cost Allocation as proposed, with the understanding that the cost allocation shall be revisited on an annual basis concurrent with the budget process.**

PASSED AND ADOPTED at a meeting of the Board of Directors of the South San Joaquin Groundwater Sustainability Agency on January 24, 2018, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

BY: _____
Robert A. Holmes, Chair

ATTEST:

Peter M. Rietkerk, Secretary

ITEM #3

**SOUTH SAN JOAQUIN GROUNDWATER SUSTAINABILITY AGENCY
RESOLUTION 2018-02-B
RESOLUTION ACKNOWLEDGING AND APPROVING A COST ALLOCATION
PROPOSAL BY THE EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY FOR
GROUNDWATER SUSTAINABILITY PLAN DEVELOPMENT**

WHEREAS, the South San Joaquin Groundwater Sustainability Agency (SSJGSA) was formed in 2017 through Memorandum of Agreement between the City of Escalon, City of Ripon, and South San Joaquin Irrigation District for the express purpose of meeting the requirements of the Sustainable Groundwater Management Act (SGMA); and

WHEREAS, the SSJGSA is exclusively recognized by Department of Water Resources as the groundwater sustainability agency (GSA) authorized by SGMA for sustainable groundwater management within its member service areas; and

WHEREAS, the SSJGSA is also a member of the Eastern San Joaquin Groundwater Authority (Authority), a groundwater sustainability agency formed under a joint-powers agreement among its member GSAs within the Eastern San Joaquin Groundwater Subbasin for the limited purpose of developing one groundwater sustainability plan within the Subbasin; and

WHEREAS, on October 11, 2017, the Authority approved the preparation and submittal of a grant application to the California Department of Water Resources (DWR) for funding to assist in the development and submittal of a basin-wide groundwater sustainability plan (GSP); and

WHEREAS, on November 8, 2017, the Authority proposed a budget and local cost share allocation of expenditures to its member GSAs, inclusive of the potential grant funding award, in the amount of \$11,664 per member GSA in total, to be expended over a two-year period; and

WHEREAS, the Authority is seeking concurrence and acceptance of the proposed cost allocation from its member agencies to provide assurance to DWR, as the grant administrator of the proposed grant funding, that local cost share requirements are secured; and

WHEREAS, the Governing Board of the SSJGSA has reviewed the cost allocation proposal by the Authority and considered it in its budget and financial planning for SSJID.

NOW, THEREFORE BE IT RESOLVED THAT:

1. The South San Joaquin Groundwater Sustainability Agency hereby finds that the facts set forth in the recitals to this Resolution are true and correct, and establish the factual basis for the South San Joaquin Groundwater Sustainability Agency adoption of this Resolution.

2. The South San Joaquin Irrigation Groundwater Sustainability Agency hereby concurs and authorizes expenditures to support the proposed cost share of \$11,664 per Authority member as proposed by the Eastern San Joaquin Groundwater Authority for full development and submittal of a groundwater sustainability plan within the basin.

3. The South San Joaquin Groundwater Sustainability Agency further finds that should the underlying budget for the proposed cost-share allocation change, that the approval of the local cost share is voided, and subsequent allocation proposals for GSP development by the Authority be brought to the SSJGSA Governing Board for further consideration.

PASSED AND ADOPTED at a meeting of the Board of Directors of the South San Joaquin Groundwater Sustainability Agency on January 24, 2018, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

**BY: _____
Robert Holmes, Chair**

ATTEST:

Peter M. Rietkerk, Secretary

ITEM #4

**NO STAFF
MEMO**