AGENDA

A. Discussion/Action Items:

1. Governance (County, W&C)
   • [ACTION] Approve meeting minutes from February 19, 2020

2. Proposition 1 Funding Overview (County)

3. DAC Involvement Program Update (W&C, County)

4. Stormwater Resources Plan Update (County)

5. IRWMP Plan Update (GEI)
   • [ACTION] Accept Purpose, Mission and Objective
   • [ACTION] Accept Evaluation and Prioritization Criteria

   I. Project Identification
      • Project Information Form (adopted 2/18)
      • Close of Project Information Form Submission (May 18, 2020)

   II. Resource Management Strategies/State Priorities

B. Public Comment: Please limit comments to three minutes

C. Comments from the Chair:

D. Adjournment:

Next Regular Meeting
April 15, 2020, 3:00 p.m.
Public Health Conference Room

If you need disability-related modification or accommodation in order to participate in this meeting, please contact the Water Resources Staff at (209) 468-3089 at least 48 hours prior to the start of the meeting. Any materials related to items on this agenda distributed to the Commissioners less than 72 hours before the public meeting are available for public inspection at Public Works Dept. Offices located at the following address: 1810 East Hazelton Ave., Stockton, CA 95205. Upon request these materials may be made available in an alternative format to persons with disabilities.
GREATER SAN JOAQUIN COUNTY
REGIONAL WATER COORDINATING COMMITTEE

February 19, 2020, 3:00 p.m.

Public Health Conference Room, 1601 E. Hazelton Avenue, Stockton, California

MEETING NOTES

A. Discussion/Action Items:

1. Governance (County, W&C)
   - W&C announced the City of Stockton would be joining the ten MOU signatories;
   - Correction was made for completion of the IRWMP update for Fall 2020 in lieu Spring 2020;
   - Mary Elizabeth asked if everyone was going to get the letter for the project proponents; and
   - Mary Elizabeth informed group that not all material was circulated as previously discussed (Additional information was sent via e-mail on 2/26/2020)

I. Approval of Minutes
   - Meeting minutes from January 15, 2020 were accepted.
   - Mary Elizabeth would submit meeting minute correction by Friday 2.21.2020;

2. Proposition 1 Funding Overview (County, W&C):
   - DAC Funding letter signed that allows flow of money, per W&C; and
   - An agreement for DAC has been executed

II. Qualifying DAC Projects:
   - DACIP meeting was held in Modesto that was approximately 2 hours long;
   - W&C emphasized that there are thirteen projects in the DACIP agreement and that Projects 12 and 13 are considered Phase II;
   - Phase II is being sponsored by Contra Costa Water District and a discussion took place with DWR on how to split the 1.4M in Projects 12 and 13 at the DACIP meeting in February;
   - Based on direction from the DACIP Funding Area group, Regions interested in funding must submit a project(s) for evaluation and potential funding to spend a portion of the $1.4M;
   - If $1.4M was split evenly, each Region would receive $200,000;
   - Task 2 of Project 8 will take approximately 3 months to complete, per W&C, and selection of a project for Project 8 would not occur until June 2020;
   - A letter was submitted to the Coordinating Committee to allocate the $200,000 for the additional funding under Projects 12 and 13;
   - W&C reviewed options for submitting a project(s) for this funding, including an option to submit a more general scope of work that would allow time for the Coordination Committee to select a project in June 2020 under its current schedule;
   - Once projects for the $1.4M are determined, Contra Costa Water District will submit a grant amendment to DWR amending Projects 12 and 13;
   - W&C went over the DAC projects submitted by the other Regions that were discussed at the Modesto DACIP meeting;
   - County emphasized that the submitted scope would be transparent for the allocation of the $200,000 for the DAC project;
   - Mary Elizabeth was concerned about the deliverables, and W&C explained that the deliverables would include items like design, environmental documentation;
   - John Holbrook asked if an option can be changed during the process and W&C responded that an amendment would have to be executed with DWR;
   - Brandon Nakagawa asked if a project was available for option B, and W&C responded yes and identified the manganese well issue and Victor Park;
   - Scot A Moody also suggested project funding for porta-potties for the homeless;
   - The Coordinating Committee decided to proceed with option A;
   - San Joaquin County will prepare a generic scope in line with option A and submit to Contra Costa Water District.

3. Disadvantaged Community Involvement Program:
Jane Wagner asked what the DAC task (Project 8 Task 2) will do; 
The focus of the DAC task will be outreach, per W&C; 
Mary Elizabeth asked what types of projects were eligible; and 
County explained that eligible projects could be related to water quality, sewage disposal, and groundwater, which were broad topics to cover 
Mary Elizabeth asked that dates be added to DAC maps used in the future.

4. Storm Water Resources Plan Need (County, W&C): 
W&C emphasized that SWRPs are needed to fund storm water projects; 
County will be sending out letter to stakeholders for interests in developing SWRP; and 
County asked for John Holbrook to sign letter that will be e-mailed to stakeholders

5. IRWM Plan Update (GEI/County): 
GEI summarized what was previously done and for the group to make themselves familiar with the information and projects need to be included in the 2019 IRWMP update; 
GEI asked for any group comments pertaining to the tentative schedule and updates; 
GEI stated a tiered evaluation system was used in 2007 and 2014 and helped identify project issues; 
The 2014 IRWMP Chapter 7 (IRWMP Framework) will be used to define the Mission, Objectives and Evaluation and Prioritization criteria; the Committee was asked to comment; 
GEI told group to resubmit projects, if they want to be considered for funding and/or evaluation in the IRWMP;

III. Updated Evaluation form: 
GEI reiterated that the objective is to identify and confirm that all bases are covered, and for everyone to agree on the process and that the previous IRWMP criteria is being used for the projects; 
Mission statement defines the projects and programs such as in the GBA for overdraft issues; 
County summarized DWRs requirements for the IRWMP, which are minimum impacts on climate change such as green gas and reduced impacts to the Delta; 
GEI informed the group that goals are well defined in the criteria as-well-as project impacts; 
County went over general guidelines for the type of projects and how they will be presented and asked the group to comment on the general criteria, if they would like to include other ideas; 
Mary Elizabeth, said a DAC project may not conform with all of the criteria elements; 
Brandon Nakagawa, mentioned that the criteria was previously established, and were the building blocks for the selection of projects and its details; 
County informed the group the project information form was simplified when compared to other agencies and could provide anyone that information; 
Mary Elizabeth, was concerned that the application form may not have everything that needs to be asked. She also wanted to know what information was being asked by others and that it should be made available to see what was being asked; 
W&C, clarified that a question for climate change was added for proposition 1; 
John Holbrook asked group for thoughts on moving forward with the Project Information Form; 
There was a consensus with the entire group to use the Project Information Form 
GEI gave an overview for readiness of a project and the ranking of high, medium, and low; 
County emphasized the project information form was previously used and it would be used for this round of projects; 
GEI discussed the sensitivity analysis and stated the system was used in the 2014 IRWMP and for other Public Works Department projects, and testing various criteria weights help categorize and allow a better assessment of the projects; 
John Herrick informed the group that staff goes through a lot of effort to develop the evaluating criteria and that not all fifty projects are getting money

B. Public Comment: Please limit comments to three minutes: 
Mary Elizabeth would like the word and excel files to provide comments; 
Mary Elizabeth asked where Chapter 6 of the 2014 IRWMP can be found

C. Comments from the Chair: 
John Holbrook asked if any other person had any other input; and 
It was suggested that a hard copy of the 2014 IRWMP be available at the meetings

D. Adjournment: 4:12 pm
Greater San Joaquin Regional Water Coordinating Committee Meeting
February 19, 2020

ATTENDANCE SHEET

<table>
<thead>
<tr>
<th>INITIAL</th>
<th>NAME</th>
<th>AFFILIATION</th>
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<tr>
<td>V</td>
<td>Veronica Tovar</td>
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<td>JPN</td>
<td>Johnathan Pruitt</td>
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<td>Dante Nomellini Sr.</td>
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<td>Dante Nomellini Jr.</td>
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<td>S</td>
<td>Stephen Schwabauer</td>
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<td>Charles Swimley Jr.</td>
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<td>MZ</td>
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<td>M</td>
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<td>CCA</td>
<td>Charlie Starr *</td>
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<td>J</td>
<td>Joe Valente</td>
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<td>G</td>
<td>George Hartmann</td>
<td>Reclamation Dist. 2074</td>
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<td>Matt Zidar</td>
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<td>Glenn Prasad</td>
<td>San Joaquin County</td>
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<td>Scot Moody</td>
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<td>Brandon Nakagawa</td>
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<tr>
<td>Juan Ochea</td>
<td>SS County</td>
<td><a href="mailto:ochea@ssgov.org">ochea@ssgov.org</a></td>
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Greater San Joaquin Regional Water Coordinating Committee Meeting
February 19, 2020

ATTENDANCE SHEET - OTHER INTERESTED PARTIES

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<th>NAME</th>
<th>AFFILIATION</th>
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<tbody>
<tr>
<td>Jack Bond</td>
<td>Communication Consultant</td>
<td><a href="mailto:janetj@smallbusiness.com">janetj@smallbusiness.com</a></td>
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<tr>
<td>Katie Cole</td>
<td>Woodard Harman</td>
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<td>Maris Williamson</td>
<td>GEM</td>
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<td>916 603 4559</td>
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</table>
Agenda

1. Meetings and Governance Related (Chair, Secretary, County)
2. Proposition 1 Funding Overview (County)
3. DAC Involvement Program Update (W&C, County)
4. Stormwater Resources Plan Update (County)
5. IRWM Plan Update (GEI, County)
   • Purpose, Mission, and Objective
   • Project Identification
   • Evaluation and Prioritization Criteria
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MOU Signatories (as of 2/19/2020)

1. Catholic Charities of the Diocese of Stockton Environmental Justice
2. Central Delta Water Agency
3. City of Lodi
4. North San Joaquin Water Conservation District
5. Reclamation District 2074
6. San Joaquin County
7. Sierra Club, Delta-Sierra Group
8. South Delta Water Agency
9. South San Joaquin Irrigation District
10. Stockton East Water District
11. City of Stockton [to their Council on February 25th]
Meeting Minutes and Future Meetings

**Action:**
Consider approving the January 15, 2020 Meeting Minutes (Attachment A)

**Future Meetings**
- Meetings will be held from 3:00 pm to 4:00 pm following AWC meetings, third Wednesday of each month
- February 19, March 18, April 15

**Correction (Attachment B)**
In the second paragraph of the ‘Potential Project Proponents’ February 10, 2020, letter the ‘Spring’ of 2020 was inadvertently cited as being the time frame for completing the IRWM Plan update; it will be in the ‘Fall' of 2020.
Website

- Online at http://www.esjirwm.org/
- Contains meeting materials, documents, and other resources

**Recent Postings:**

- Letter to IRWM Proponents and backup technical reports
- As required, a ‘Notice of Intent’ to update the 2014 IRWMP
- Contra-Costa Water District’s July 2019 Funding Letter establishing funding allocation to the San Joaquin River Funding Area
- October 2019 Local Project Sponsor Agreement between CCWD and San Joaquin County, on behalf of the Eastern San Joaquin IRWM Region
- San Joaquin River Funding Area’s December 2019 “Disadvantaged Community Needs Assessment Report” (Project 2)

- **Suggestions for additional website content are welcomed**
- **Do we want a logo?**
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Proposition 1 Funding Overview

Acquiring the allocated $6.5 million for IRWM Implementation (construction) funds requires

- Executing the MOU forming the GSJCRWCC (see Website) – Done
- Signing Contra-Costa Water District’s July 2019 Funding Letter for the San Joaquin River Area (see Website) - Done
- Updating the 2014 IRWMP to 2016 IRWM guidelines
- As a Committee, selecting viable and qualifying Projects to submit to DWR
- Filing an application for those selected Projects for Round 2 funding in the summer/fall of 2021
Proposition 1 Funding Overview (cont’d.)

Acquiring the $148,000 DAC funding already allocated for the Eastern San Joaquin IRWM Region’s Project 8 (the “Eastern San Joaquin Regional Planning Project”) requires

- Executing a Local Project Sponsor Agreement between the Contra-Costa Water District and San Joaquin County (on behalf of the Eastern San Joaquin IRWM Region (see Website) - *Done*
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Disadvantaged Community Involvement Program

- The intent of the DAC Program is to ensure the involvement of economically distressed areas (EDAs) and underrepresented communities in the IRWM planning process. As a result, an Agreement with CCWD identified ‘Project 8’ to meet this objective
- An Agreement with a DAC Outreach Consultant is in the process of being executed and work will begin in early March 2020
- The schedule allows the DAC Outreach Consultant approximately three months to complete their work
Disadvantaged Community Involvement Program (cont’d.)

Project 8 Scope of Work

In general, this Project includes outreach and workshops with targeted DACs in order to facilitate participation in the IRWM decision making and project planning processes

- Task 1 – Project Administration (includes grant reporting, invoicing, etc.)
- Task 2 – Engagement in IRWM Efforts (outreach efforts to develop a Task Force of DAC representatives to participate in the IRWMP DAC project review and selection process)
- Task 3 – Project Development (selection of a project from the updated IRWM Plan’s project list for further development; including CEQA review, design, permitting, etc.)
**Disadvantaged Community Involvement Program - Definition**

<table>
<thead>
<tr>
<th>Alternative Geography</th>
<th>DAC</th>
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<tbody>
<tr>
<td>The project serves an area that is contained within a census place for which the MHI is less than</td>
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<tr>
<td>80% of the statewide MHI*</td>
<td></td>
</tr>
<tr>
<td>The project serves an area that is contained within one or more census tracts and the MHI of each census tract is less than</td>
<td>80% of the statewide MHI*</td>
</tr>
<tr>
<td>The project serves an area that is inscribed within one or more census block groups and the MHI of each block group is less than</td>
<td>80% of the statewide MHI*</td>
</tr>
<tr>
<td>The project serves an area that is inscribed in one or more census tracts or block groups and some (but not all) of the census tracts or block groups have an MHI of less than</td>
<td>80% of the statewide MHI*</td>
</tr>
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If a project serves a DAC and is divided among several contiguous census tracts or block groups, and some of the project area tracts or block groups do not meet the DAC criterion, the project will be considered a DAC project for the purpose of waiving local cost share requirements based on proportionality. For some projects, it may be more appropriate to use the proportion of the population served, the project cost, or geographic area served as the basis for proportioning the project into DAC/non-DAC segments.
UPDATE: February 13 Funding Area DACIP Meeting

Some Things to Know:

- We have <$100k for DAC project planning in Project 8 – as it has been pointed out previously, this isn’t a lot of money
- We have the opportunity to secure an additional $200k to support DAC project planning in Phase 2 of the DACIP
- GSJCRWCC Submitted a letter of interest to the San Joaquin Funding Area Stakeholder Advisory Committee (Attachment C)
- Timing is a little off – we won’t have selected a DAC project to receive the $100k until June; we need to submit for the $200k in 1.5 weeks, February 28
## UPDATE: February 13 Funding Area DACIP Meeting

<table>
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<tr>
<th>Planning Project</th>
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<tr>
<td>1: Grant Proposal &amp; Admin</td>
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<td>2: DAC Needs Assessment</td>
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<td>3: Funding Admin by CCWD</td>
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<td>5: DAC and URC Water Education &amp; Improvement</td>
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<td>6: SIV Water Consolidation Tech Assistance</td>
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<td>7: Eval of SW Management &amp; GW Recharge Projects in Dry Creek Watershed</td>
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<td>8: ESJ Regional Planning Projects</td>
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<td>9: Madera Regional Planning Projects</td>
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<td>10: Merced County Well Survey and Database</td>
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<td>11: Support for DAC Involvement in WSJ IRWM Planning</td>
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<td>12: SJRFA DAC Technical Assistance</td>
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<td>13: SJRFA DAC Capacity Building</td>
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Phase 1: Nearing completion

Phase 2: What’s next!
UPDATE: February 13 Funding Area DACIP Meeting

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<th>Project Description</th>
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<td><strong>TOTAL</strong></td>
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**Questions:**
- How do we split the money between Projects 12 and 13?
- Who gets the money?

**Decisions:**
- There is more need for project planning funding (Project 12)
- Submit amendment by April 1
- Our region needs to prepare a scope & budget by February 28 to secure $200,000 in DAC project planning funds
UPDATE: February 13 Funding Area DACIP Meeting

Options

• **Option A**: Prepare vague scope and deliverables that allows flexibility for us to select a project in June

• **Option B**: Agree on a DAC project today that we can fund with the $200k – could select same project or different project to receive the other $100k

• (ACTION ITEM) – Consider Authorizing the Secretary to submit a proposal to the San Joaquin Funding Area Stakeholder Advisory Committee and negotiate additional funding for DAC work.
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Stormwater Resource Plan (SWRP) Guidelines

Typically, a SWRP is needed for projects with stormwater and/or dry weather runoff.

A SWRP can be a new document, an existing document, or a ‘functionally equivalent’ document composed of existing documents and local ordinances.

Proposed projects located in and/or benefiting a DAC area may be exempt from the State mandate of requiring a SWRP.
Stormwater Resource Plan Guidelines (cont’d.)

The County is in discussions with City of Stockton and SJAFCA

Other agencies are encouraged to join in on the discussion by contacting Glenn Prasad for more information at (209) 953-7611 or gprasad@sjgov.org

More information is available at: https://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/
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IRWM Plan Update

Projects must be included in an IRWM Plan to be eligible for grant funding

2007 – First Eastern San Joaquin IRWM Plan developed
2014 – IRWM Plan Updated to 2012 Guidelines
2020 – IRWM Plan will be updated to 2016 Guidelines and 2019 Grant requirements

DWR has indicated that Round 2 funding will be delayed until Fall 2021 so this gives us more time to complete this work
IRWM Plan Update (cont’d.)

Tentative Schedule:
• The Project Submittal Form is available on the Website
• Development of the Project Rating Criteria – March 2020
• The expected ‘Call for Projects’ is March/April 2020
• Expected closure of the ‘Call for Projects’ – May/June 2020
• Rating and Ranking Workshop(s) – May/June 2020

It is expected that the update to the 2014 IRWM Plan will be completed in August/September 2020
Purpose, Mission and Objective

Tiered Evaluation System

- Problem Statement
- Mission Statement
- Sustainability Goal
- Purpose Statement
- Objective Statement
- Values
- Evaluation Criteria (Rating)
- Prioritization Criteria (Ranking)
Problem Statement

*Long-term groundwater overdraft due to lack of sufficient surface water supplies and long-term reliance on groundwater threatens the social, economic, and environmental viability of the San Joaquin Region.*
Employ a consensus-based approach to collaboratively develop stakeholder-supported projects and programs that mitigate and prevent the impacts of long-term groundwater supply-demand imbalance.
This goal is the culmination of conditions resulting in a sustainable condition (absence of undesirable results) within 20 years.
The Purpose of the Eastern San Joaquin IRWMP is to define and integrate key water resource strategies and to establish the protocols and course of action for implementation of ... a comprehensive prioritized menu of projects and actions that fulfills the Mission.
Objective Statement

*Ensure the long-term sustainability of water resources in the San Joaquin Region while:*

- Equitably distributing benefits and costs;
- Minimizing adverse impacts to agriculture, communities, and the environment;
- Maximizing efficiency and beneficial use of supplies; and,
- Protecting and enhancing water rights and supplies.
• Be implemented in an equitable manner
• Maintain or enhance the local economy
• Protect groundwater and surface water quality
• Be affordable
• Minimize adverse impacts to entities within the County
• Provide more reliable supplies
• Exhibit multiple benefits to local landowners and other participating agencies
• Maintain overlying landowner and Local Agency control of the Groundwater Basin
• Restore and maintain groundwater resources
• Minimize adverse impacts to the environment, community, and culture
• Protect the rights of overlying landowners
• Increase amount of water put to beneficial use within the San Joaquin region
• Support beneficial conservation programs
• Reliability and Sustainability
• Economics
• Compatibility
• Environmental Constraints
• Implementability
Readiness to Proceed
- Need
- Feasibility
- Readiness
- Public and Stakeholder Acceptance
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IRWM Plan Update (cont’d.)

Projects must be included in IRWMP to be eligible for grant funding

Projects:

- 72 Water Supply or Water Management projects from the 2014 IRWMP
  - 30 carried into Rating and Ranking
  - 6 Water Supply or Water Management projects submitted after rating and ranking
- 53 Flood Water or Stormwater Projects identified in Draft Regional Flood Water Management Plan
- 33 from the Groundwater Sustainability Plan
  - 10 screened out
  - Some are variants of IRWMP projects
- 158 projects total
IRWM Plan Update (cont’d.)

All projects to be evaluated in the 2020 IRWM Plan must submit new or updated information, including:

- Project name, owner, purpose
- Expected benefits
- Environmental documentation status
- Projected schedule
- Cost and funding
- Resource Management Strategies employed

**Action:** Consider approving the project submittal form (Attachment D)
IRWM Plan Update (cont’d.)

Project Submittal Form is available on the Website

PURPOSE
This Project Information Form is to be used by project sponsors to submit proposed projects to the Greater San Joaquin County Regional Water Coordinating Committee to be considered for inclusion in the Eastern San Joaquin Integrated Regional Water Management Plan (IRWMP) Update. Submitted projects should help the Eastern San Joaquin Region meet the IRWMP’s goals and objectives. Projects that seek State grant funding must be included in the IRWMP to qualify for grant funding.

PROJECT FUNDING FOR DISADVANTAGED COMMUNITIES
The Coordinating Committee is especially interested in including projects from economically disadvantaged communities that may have difficulty funding projects to meet their water related needs. The Department of Water Resources defines a Disadvantaged Community (DAC) as an area with a median household income (MHI) less than 80 percent of the statewide MHI. DAC areas are shaded on the map to the right.

SUBMITTAL INSTRUCTIONS
To submit a project to the Coordinating Committee for inclusion into the IRWMP, please complete this form and submit it to:

Greater San Joaquin County Regional Water Coordinating Committee
1810 E. Hazelton Avenue
P. O. Box 1810
Stockton, CA 95201
or
EasternSanJoaquinIRWMP@geiconsultants.com.
You may attach other project documentation if desired. If you have any problems filling out or sending this form, please email EasternSanJoaquinIRWMP@geiconsultants.com.
Agenda

1. Meetings and Governance Related (Chair, Secretary, County)
2. Proposition 1 Funding Overview (County)
3. DAC Involvement Program Update (W&C, County)
4. Stormwater Resources Plan Update (County)
5. IRWM Plan Update (GEI, County)
   - Purpose, Mission, and Objective
   - Project Identification
   - Evaluation and Prioritization Criteria
Evaluation and Prioritization Criteria

Used for the 2007 IRWMP and modified for 2014 IRWMP

- Evaluation Criteria
  - Rating
  - Performance Measures

- Prioritization Criteria
  - Ranking
  - Readiness to Proceed
## Evaluation Criteria (Performance Measures)

### Performance Measures

<table>
<thead>
<tr>
<th>Reliability and Sustainability</th>
<th>Indicator</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Availability</td>
<td>Water supply available from rights, permits, applications and contracts</td>
<td>Average annual yield based on legal, hydrologic, and engineering considerations</td>
</tr>
<tr>
<td>Availability of Conveyances</td>
<td>Integration of existing pipelines, canals, rights of way, and distribution systems</td>
<td>Percent of supply delivered through existing conveyances and distribution systems</td>
</tr>
<tr>
<td>Water Quality</td>
<td>Provides high quality water suitable to the needed use of water (agric; M&amp;I; drinking)</td>
<td>Level of treatment required</td>
</tr>
<tr>
<td>Adaptability to Climate Change - increased flood flows</td>
<td>Project meets intended purpose under a variety of flooding scenarios</td>
<td>No significant reduction in conveyance or recharge under additional flooding scenarios</td>
</tr>
<tr>
<td>Hydrology and Water Quality - water quantity</td>
<td>Substantially deplete groundwater resources or interfere with groundwater recharge</td>
<td>Net deficit in aquifer volume; lower groundwater</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Economics</th>
<th>Indicator</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life-cycle Capital, Operations and Maintenance Costs including Banking Revenues, Mitigation and Monitoring, Flood Damage Reduction</td>
<td>Total life-cycle cost</td>
<td>Rank alternatives by 50-year present value of net capital and operating cost, or estimated probable value of impacted area</td>
</tr>
<tr>
<td>Unit Cost</td>
<td>Cost per acre-foot benefit to groundwater basin, or avoided flood damages per dollar spent</td>
<td>$/af or B:C ratio</td>
</tr>
<tr>
<td>Power Cost Sensitivity to Energy Prices</td>
<td>Continued feasibility under 50% or 100% energy price increases</td>
<td>Rank alternatives by 50-year present value of net capital and escalated operating cost</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Compatibility</th>
<th>Indicator</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatibility with Existing Cultural Practices</td>
<td>Maintain mix of agricultural, open space and other land uses</td>
<td>Acreage taken from agriculture or open space</td>
</tr>
<tr>
<td>Compatibility with Existing Facilities</td>
<td>Ability to use existing facilities without extensive modification</td>
<td>Provides water users with all-year supply or single annual change in operation</td>
</tr>
</tbody>
</table>
## Prioritization Criteria (Readiness to Proceed)

<table>
<thead>
<tr>
<th>Readiness to Proceed</th>
<th>Need</th>
<th>Feasibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Technical</td>
<td>Phasable</td>
</tr>
<tr>
<td></td>
<td>Institutional</td>
<td></td>
</tr>
<tr>
<td>Readiness</td>
<td>Water Rights</td>
<td>Engineering</td>
</tr>
<tr>
<td></td>
<td>Identified Financing</td>
<td>Environmental Documentation</td>
</tr>
<tr>
<td>Public and Stakeholder Acceptance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Rating Scale**

**Always better**
- Highest net yield
- Lowest unit cost

**Always worse**
- Highest environmental impact
- Lowest public acceptance

**Uses**
- Linear scales
- Refined rating

**Uses**
- Data-limited
- Pass / Fail
- Subjective rating

**9-Point Scale**
- 9: H+
- 8: H
- 7: H-
- 6: M+
- 5: M
- 4: M-
- 3: L+
- 2: L
- 1: L-

**3-Point Scale**
- 8: High
- 5: Moderate
- 2: Low
Application of 2014 Evaluation Criteria

<table>
<thead>
<tr>
<th>Performance Measures</th>
<th>Indicator</th>
<th>Standard</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Availability</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Environmental Impact</td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Cost</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Competitiveness</td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Agricultural Resources</td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>Air Quality</td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Recreational Facilities</td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Technical Feasibility</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Implementation Issues</td>
<td></td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Ability to Adapt to Changing Conditions</td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Liquid Availability</td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Equity and Community Values</td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Overall</td>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

For each indicator, the following criteria are considered:
- Water Supply: Consistent with state and federal criteria
- Energy Efficiency: Meets state and federal criteria
- Environmental Impact: Meets state and federal criteria
- Cost: Meets state and federal criteria
- Competitiveness: Meets state and federal criteria
- Agricultural Resources: Meets state and federal criteria
- Air Quality: Meets state and federal criteria
- Recreational Facilities: Meets state and federal criteria
- Technical Feasibility: Meets state and federal criteria
- Implementation Issues: Meets state and federal criteria
- Ability to Adapt to Changing Conditions: Meets state and federal criteria
- Liquid Availability: Meets state and federal criteria
- Equity and Community Values: Meets state and federal criteria

The overall score is calculated by combining the scores of the individual indicators.
### 2014 Evaluation Criteria Key (front)

<table>
<thead>
<tr>
<th>Rating</th>
<th>Criteria</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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**Performance Measures**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Standard</th>
<th>Weight</th>
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<tbody>
<tr>
<td></td>
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</table>

**Reliability and Sustainability**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

**Economic Costs**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

**Environmental Impacts**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

**2014 Project Rating**

<table>
<thead>
<tr>
<th>Indication</th>
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<td></td>
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### 2014 Evaluation Criteria Key (back)

#### Ranking Criteria

<table>
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<th>Weight</th>
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<tr>
<td>Priority</td>
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<tr>
<td>Performance Measures</td>
<td>2</td>
</tr>
<tr>
<td>Implementation</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Weighted Criteria

Each criterion is weighted from 1 to 5, with higher numbers indicating greater importance. The weighted criteria are used to determine the overall ranking of each project.

#### 2014 Project Ranking

The rankings are shown in the table, with the most important criteria highlighted in green and the least important in red.

---

Note: The table and diagram are placeholders and should be replaced with actual data for a comprehensive evaluation.
## Sensitivity Analysis

<table>
<thead>
<tr>
<th>Weighting</th>
<th>Weight</th>
<th>0</th>
<th>C1</th>
<th>C2</th>
<th>G1a</th>
<th>G1b</th>
<th>G1c</th>
<th>G2</th>
<th>R1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evenly Weighted x1</td>
<td>30</td>
<td>M</td>
<td>M</td>
<td>M</td>
<td>M+</td>
<td>M</td>
<td>M</td>
<td>M+</td>
<td>M+</td>
</tr>
<tr>
<td>Reliability/Sustainability Weighted x15</td>
<td>100</td>
<td>M-</td>
<td>M-</td>
<td>M-</td>
<td>M+</td>
<td>H-</td>
<td>H-</td>
<td>M+</td>
<td>M+</td>
</tr>
<tr>
<td>Economics Weighted x36</td>
<td>100</td>
<td>M-</td>
<td>H-</td>
<td>L+</td>
<td>M</td>
<td>M</td>
<td>L+</td>
<td>M</td>
<td>M+</td>
</tr>
<tr>
<td>Compatibility Weighted x19</td>
<td>102</td>
<td>M</td>
<td>M+</td>
<td>M+</td>
<td>M+</td>
<td>H-</td>
<td>M</td>
<td>H-</td>
<td>M+</td>
</tr>
<tr>
<td>Environmental Weighted x8</td>
<td>100</td>
<td>H-</td>
<td>M+</td>
<td>M+</td>
<td>M+</td>
<td>M</td>
<td>M</td>
<td>M+</td>
<td>M</td>
</tr>
<tr>
<td>Implementability Weighted x9</td>
<td>102</td>
<td>L+</td>
<td>M</td>
<td>M</td>
<td>M+</td>
<td>M</td>
<td>M</td>
<td>M+</td>
<td>M+</td>
</tr>
<tr>
<td>Cost &amp; Yield (Unit Cost) x36</td>
<td>100</td>
<td>M-</td>
<td>M</td>
<td>M-</td>
<td>M</td>
<td>M</td>
<td>M</td>
<td>M+</td>
<td>H-</td>
</tr>
</tbody>
</table>
Implementation Priority for 2014 IRWMP Projects

- Need
- Feasibility
  - Technical
  - Ability to Phase
  - Institutional
- Readiness to Proceed
  - Water Rights
  - Engineering
  - Identified Financing
  - Environmental Documentation
- Public and Stakeholder Acceptance
March 18, 2020

Dear Potential Project Proponents,

SUBJECT: CALL FOR PROJECTS FOR THE EASTERN SAN JOAQUIN INTEGRATED REGIONAL WATER MANAGEMENT PLAN UPDATE

BACKGROUND

In 2019, a Memorandum of Understanding to establish the Greater San Joaquin County Regional Water Coordinating Committee (GSJCRWCC) was executed by the County of San Joaquin, Catholic Charities of the Diocese of Stockton Environmental Justice, Central Delta Water Agency, City of Lodi, North San Joaquin Water Conservation District, Reclamation District No. 2074 (Brookside), Stockton East Water District, Delta-Sierra Group (Sierra Club), South Delta Water Agency, and South San Joaquin Irrigation District. The GSJCRWCC is a Regional Water Management Group as defined in California Water Code §10539.

It is the intent of the GSJCRWCC to develop and implement an Integrated Regional Water Management Plan (IRWMP) that meets the requirements of California Water Code §10540 and §10541. After the IRWMP has been updated (anticipated by fall 2020) and approved by the Department of Water Resources (DWR), the projects in the IRWMP will be eligible for IRWM implementation grant funding.

PURPOSE

This letter serves as an invitation to all entities involved in water management, which may include local, state, and federal agencies; Native American tribes, non-governmental organizations, academic institutions, and businesses to submit their projects as part of updating the 2014 Eastern San Joaquin Integrated Regional Water Management Plan (2014 IRWMP Update).

Interested parties are required to fill out and submit the Project Submittal Form to the Coordinating Committee for each project they wish to have included and evaluated in the IRWMP Update. This notice, along with the Project Submittal Form is posted on the GSJCRWCC website (http://www.esjirwm.org), and includes the project submittal instructions. As a courtesy, the ‘Scoring Criteria’ is attached, which will be used to evaluate all projects submitted as a result of this ‘Call for Projects.’ The scoring criteria is also available on the GSJCRWCC Website (http://www.esjirwm.org).

The GSJRWCC is open to participation by any entity involved in water management. The GSJRWCC has a regularly scheduled monthly meeting on the third Wednesday of every month in
the Public Health Conference Room located at 1601 East Hazelton Avenue in Stockton from 3:00 pm to 4:00 pm. This is where the Coordinating Committee discusses and reaches consensus on topics related to the 2014 IRWM Plan update. Therefore, it is important that your agency participate, either as a member, or simply as a project proponent to the monthly meetings for the continuity of the GSJCRWCC’s efforts, and for the overall good of not only the near-term success of updating the 2014 IRWM Plan, but also for the long-term success of the Region’s water resource sustainability.

Should you have any questions about this notification or the IRWMP update process in general, please contact Glenn Prasad by email at gprasad@sjgov.org or by phone at (209) 953-7611.

Sincerely,

John Holbrook,
Chairman, GSJCRWCC

cc: Scot A. Moody, Vice-chairman
Glenn Prasad, Secretary
Matt Zidar, Water Resources Manager, San Joaquin County

Central Delta Water Agency RD 2074
Central San Joaquin Water Conservation District RD 2075
City of Lathrop RD 2085
City of Lodi RD 2089
City of Manteca RD 2094
City of Ripon RD 2095
City of Stockton RD 2096
East Bay Municipal Utilities District RD 2107
Woodbridge Irrigation District Member RD 2115
Linden County Water District Member RD 2119
Lockeford Community Services District Alternate RD 2126
North San Joaquin Water Conservation District RD 403
Oakdale Irrigation District RD 404
RD 1 RD 524
RD 1007 RD 544
RD 1608
RD 1614
RD 17
RD 2042
RD 2058
RD 2062
RD 2064
South Delta Water Agency Member
South San Joaquin GSA Member
South San Joaquin Irrigation District

RD 684
RD 773
RD 828
San Joaquin Area Flood Control Agency
San Joaquin Flood Control and Water Conservation District, SJC
San Joaquin County Housing Authority
San Joaquin County Member
Urban and Ag agencies
San Joaquin Office of Emergency Services
Tuolumne Utilities District
BACKGROUND

In January 2019, Contra Costa Water District (CCWD) entered into an agreement (No. 4600012737, hereafter referred to as “Agreement”) with the Department of Water Resources (DWR) to implement the Integrated Regional Water Management (IRWM) Disadvantaged Community Involvement Program (DACIP) Grant in the San Joaquin River Funding Area (SJRFA). Projects 1 through 11 of the Agreement are considered Phase I of the DACIP for the SJRFA; Projects 12 and 13 are considered Phase II. At the February 2020 meeting of the SJRFA, participants began discussing how to allocate the funding in Projects 12 and 13 to initiate Phase II work. This Work Plan is in response to those discussions.


The Needs Assessment identified several deficiencies within specific DAC areas of the Eastern San Joaquin Integrated Regional Water Management Region (ESJIRWM Region) and provided general recommendations to address these needs (p 54-56):

1. Conduct a storm water needs assessment;
2. Consider providing the (San Joaquin) county funding to prepare a Storm Water Resources Plan;
3. Residents on private wells may not have the resources to sample their drinking water;
4. Conduct more outreach efforts, e.g. door-to-door outreach, emails, and identify incentives to increase DAC participation in IRWM and DACIP efforts;
5. Consider programs that may help address water and sanitation needs of the homeless population in Stockton;
6. There is interest in pursuing a groundwater-banking project that takes runoff from the community of Victor Community Service Area (CSA); and Project development funding would be needed to pursue the project overall.
7. Identifying opportunities to recycle wastewater.

1 The Needs Assessment Report can be found at: http://www.esjinwm.org/Portals/0/assets/docs/SJRFA-DACI-Needs-Assessment%20Report_Final_w_Appendices.pdf?ver=2019-12-20-105454-683
Meanwhile, Project 8 (the ‘Eastern San Joaquin Regional Planning Project’) of the Agreement, sponsored by San Joaquin County on behalf of the ESJIRWM region, contained the following tasks with these cost estimates:

- Project 8, Task 1: Project Administration ($8k)
- Project 8, Task 2: Engagement in IRWM Efforts ($40k)
- Project 8, Task 3: Project Development ($100k)

Under Project 8 Task 3, the Greater San Joaquin County Regional Water Coordinating Committee (GSJCRWCC), the Regional Water Management Group, will select a project from the ESJIRWM Plan’s Project list to further develop. The selected project will benefit a DAC or tribe within the Region. Project Development work may include conceptual design (and alternatives), CEQA documentation, permitting, right-of-way (or temporary construction easement) acquisition, and project design work. This project selection is anticipated to take place in June 2020, following substantial completion of Project 8 Task 2. This Work Plan contains a comprehensive scope of the anticipated Project, and requests funding to support a portion (mainly engineering design work) of the DAC project.

**INTRODUCTION**

The work plan outlined herein is designed with two purposes in mind:

1. Acknowledge the specific recommendations in the Needs Assessment and expand on those recommendations. This work plan generally seeks to address recommendation number 6 or equivalent DAC project.
2. Leverage Phase II funding under Projects 12 and 13 to complement Phase I funding received under Project 8.

The following are DAC projects that could potentially be selected by the GSJCRWCC to receive Phase II DACIP funds. As stated above, the project selection will be made in late spring/early summer 2020.

**Potential DAC Project Alternatives**

**Potential DAC Project Alternative 1 - Victor Storm Drainage Relief and Groundwater Recharge Project**

The community of Victor is a disadvantaged community served by the County Service Area #14, which is a special district administered by the San Joaquin County. The District collects storm water and discharges into the North San Joaquin Water Conservation District (NSJWCD) south pipeline, which conveys
this water into Pixley Slough. The same pipeline is used by the NSJWCD during the irrigation season to deliver water to farmers.

There are reports of flooding in the community of Victor, and the NSJWCD pipeline is in a state of disrepair; annually land owners along the pipeline have complained of leaks and flooding.

The proposed project will modify facilities so that CSA#14 storm water flows down part of NSJWCD pipeline into a retention basin (instead of directly into Pixley Slough) thereby providing a storm water quality relief to Pixley Slough, as well as recharge benefit to the Eastern San Joaquin Groundwater Basin (which has been designated a critical basin by DWR, and is experiencing overdraft conditions).

Potential DAC Project Alternative 2 – Thornton Water Distribution System Interconnection

The community of Thornton is a disadvantaged community served by the County Service Area #12, which is a special district administered by the San Joaquin County. The District provides drinking water to 250 customers.

The DAC’s water system has been tested positive for manganese, which is a secondary contaminant. Manganese at very high levels can pose a neurotoxic risk, including neurologic damage (mental and emotional disturbances, as well as difficulty in moving—a syndrome of effects referred to as "manganism"). Lower chronic exposures in the workplace resulted in decrements in certain motor skills, balance and coordination, as well as increased memory loss, anxiety, and sleeplessness.

Treatment of manganese is expensive to construct and operate, and in a survey issued by the County in October 2019, the DAC responded (with a 66% response rate) against an increase in their water rates for treatment of manganese.

In response to the input from this DAC, the proposed project will provide an alternative to manganese treatment by adding adequate interconnections within the distribution system, thereby improving water circulation and avoiding water stagnation that can concentrate manganese in certain locations. Improving system interconnections will also provide operators the ability to flush out water periodically. This project will also provide added fire protection to the community.

Potential DAC Project Alternative 3 – Any other DAC Project Selected by GSJCRWCC (TBD)

As mentioned earlier, in March 2020, the GSJCRWCC will initiate the DAC engagement process and will identify the project(s) providing most benefit to the
Potential DAC Project Construction

Construction for the potential DAC project alternatives will be funded by the $900,000, which was assigned to the ESJIRWM region. Any of these potential DAC project alternatives will require the same scope of services to complete preliminary design services, environmental/permitting services, right-of-way and surveying, engineering design services, engineering services during bidding and construction, construction management services. Funding for these soft costs are currently not available to the DAC communities of the ESJIRWM region to support the forthcoming $900,000 DAC project (i.e. only $100,000 is available under project development task of Project 8, which will be insufficient).

SCOPE OF SERVICES

This work plan includes performing architectural, civil, structural, mechanical, electrical, instrumentation, plumbing, etc., design, calculations, specifications, details, and project management services necessary for contractor bidding to achieve completed construction. In general, the various Project deliverables (minus construction of the Project) are identified within each specific Task below.

Task 1. Preliminary Design Services
The goal of this Task is to develop a conceptual design report that will identify physical, mechanical, and/or environmental constraints to constructing the Project. The following information will be delivered:

1. Preliminary Design Report (PDR) including:
   a. 30% level Plans, Technical Specifications and Cost Estimate
   b. Provide engineering calculations
   c. A Geotechnical Report documenting analysis and interpretation of the geotechnical-and-physical data, if needed
   d. Identification and documentation of coordination with project stakeholders
   e. Identify of all key facility locations via land surveys
   f. Identify all necessary permitting
   g. Prepare Meeting notes from all meetings with project stakeholders
   h. Determine the level of environmental documentation necessary for the project.
Task 2. Environmental Documentation and Permitting
Under this Task, environmental documentation, as required by the California Environmental Quality Act (CEQA), will be performed along with obtaining any permits necessary to begin construction.

Task 3. Right of Way Acquisition and Project Surveying
Right of way and temporary construction easements will be acquired. Surveying necessary to conduct preliminary and final project design will be completed. This task also includes necessary construction surveying and staking, as well as review and incorporation of final As-Built drawings from the contractor.

Task 4. Engineering Design Services
This Task will utilize the Preliminary Design Report as a starting point and includes performing the following Engineering Design Services for the Project.

1. Prepare 60%, 90% and 100% Plans, Technical Specifications, and Cost Estimates (Bid Documents)
2. Prepare project schedule showing construction window limitations (if any), as well as identifying key construction milestones
3. Provide results of constructability and bid-ability review at the 60% and 90% levels
4. Provide engineering calculations (as needed)
5. Hold stakeholder meetings
6. Deliver final bid documents
7. Attend pre-bid meetings (as needed)

Task 5. Engineering Services During Bidding and Construction
This work includes providing engineering services during construction of the Project. The following provides a general list of those services:

1. If needed, assist the Project Proponent with the bidding process (i.e., if the Project Proponent is not an agency with bidding authority)
2. Attend and provide support for the preconstruction meeting.
3. As needed, provide engineering oversight during construction
4. Observe key activities
5. Analyze test results as required
6. Monitor field operations for compliance with specifications
7. Review and provide recommendations towards RFIs and Change Orders
8. Review and recommend responses on submittals and shop drawings
9. Review invoices for authorization and payment
10. Respond to RFIs, clarifications and/or issue addenda
11. Review submittals
12. Attend pre-bid Meeting, if required
13. Provide written responses during Bid Period
Task 6. Construction Management Services

The following Construction Management services will be provided during construction of the Project:

1. Monitor work progress, project budget, and supply accompanying analyses, if needed
2. Provide corrective measures, as needed, to stay on budget.
4. Provide bi-weekly log of all Submittals, Administrative Memo’s, and RFI’s.
5. Conduct Project status meetings with contractor personnel
7. Evaluate contractor-submitted extra work claims.
8. Monitor for labor compliance
9. Provide claims mitigation and resolution services as needed.
10. Maintain Project files in accordance with Grant requirements
11. Provide support during project start-up, closeout and acceptance
12. Act as the primary point of contact for the general public regarding issues with construction of the Project
13. Provide visual documentation before, during, and after construction of the Project

Task 7. Project Management and Project Reporting

Project Management

The consultant shall be required to provide project management. Project management duties would include, but not be limited to:

1. Coordinate project activities with all sub-consultants, local agencies, and stakeholders
2. Conduct Project meetings, develop agendas, meeting notes, decision & action lists.
3. Provide corrective measures as needed to maintain project budget.
4. Hold meetings with project proponent’s project manager
5. Review invoices and provide project status reports along with each invoice
6. Make Board/ Council presentations as required

Project Reporting

Project reporting to the Department of Water Resources via the Contra Costa Water District, the lead agency on behalf of the ESJIRWM region, would include, but not limited to:

1. Assist with the preparation of compilation of all required project deliverables
2. Assist with the preparation of Quarterly Progress Reports and Invoices
3. Prepare Final Project Completion Report
4. Compile all Project reports, data, documents and other deliverables for submittal to DWR.

Deliverables
- Monthly progress reports
- Monthly invoices
- Conference calls, in-person meetings, and associated agenda, minutes/notes, and materials.
- Board presentation materials (as needed)
- Quarterly Progress Reports and Final Completion Reports

RECOMMENDED APPROACH

The San Joaquin County current has entered into a Local Project Sponsor Agreement with the Contra Costa Water District. Project 8 of this agreement already has an amount not-to-exceed $100,000 for Project Development (Task 3). Since the work proposed in this Work Plan is an augmentation to Task 3, the preferred approach will be to amend the budget for Task 3 by the additional amount requested.

PROJECT BUDGET AND SCHEDULE

(Attached)
## Greater San Joaquin Regional Water Coordinating Committee
### ESJIRWR DACIP Project 8 Proposed Budget Augmentation

<table>
<thead>
<tr>
<th>Task</th>
<th>Budget Cost Estimate</th>
<th>IRWM Round 2</th>
<th>DACIP (Project 8) Task 3 w/out oversight</th>
<th>Local Cost Share (TBD)</th>
<th>Current Funding Shortage Request</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Administration (3%)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management and Project Reporting</td>
<td>$37,019</td>
<td></td>
<td></td>
<td>$37,019</td>
<td>$37,019</td>
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<tr>
<td><strong>Project Administration Total</strong></td>
<td>$37,019</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$37,019</td>
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<tr>
<td><strong>Engineering Design, ROW, and Permitting (26%)</strong></td>
<td></td>
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<tr>
<td>Preliminary Design Services</td>
<td>$27,643</td>
<td>$0</td>
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<td>$27,643</td>
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</tr>
<tr>
<td>Environmental Review Services and Permitting (CEQA)</td>
<td>$90,000</td>
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<td></td>
<td>$90,000</td>
<td>$64,286</td>
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<tr>
<td>Right of Way Acquisition and Project Surveying</td>
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<tr>
<td>Engineering Design Services</td>
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<td>$72,357</td>
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<td>$65,857</td>
<td>$169,679</td>
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<tr>
<td>Design Contingency</td>
<td>$13,821</td>
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<tr>
<td><strong>Engineering Design, ROW, and Permitting Total</strong></td>
<td>$333,964</td>
<td>$0</td>
<td>$100,000</td>
<td>$64,286</td>
<td>$169,679</td>
</tr>
<tr>
<td><strong>Construction (70%)</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Project Implementation (Construction)¹</td>
<td>$642,857</td>
<td>$642,857</td>
<td></td>
<td></td>
<td>$900,000</td>
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<tr>
<td>Construction Contingency</td>
<td>$128,571</td>
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<tr>
<td>Engineering Services During Bidding and Construction</td>
<td>$32,143</td>
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<tr>
<td>Construction Management Services</td>
<td>$96,429</td>
<td>$96,429</td>
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<tr>
<td><strong>Construction Total²</strong></td>
<td>$900,000</td>
<td>$900,000</td>
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<tr>
<td><strong>Total</strong></td>
<td>$1,270,983</td>
<td>$900,000</td>
<td>$100,000</td>
<td>$64,286</td>
<td>$206,698</td>
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</tbody>
</table>

**Notes:**

¹Projects alternatives currently contemplated by the Greater San Joaquin County Regional Water Coordinating Committee exceed the "Project Implementation" amount shown in the above table. GSJCRWCC will propose to repurpose line item funding or provide local cost share to augment project funding accordingly.

²Construction cost of $900k has allocated to the ESJIRWM through a letter dated July 31 2019 "Establishing Funding allocation among the San Joaquin River Area For the Integrated Regional Water Management Proposition 1 Implementation Grant Program".
# DAC Project Schedule

<table>
<thead>
<tr>
<th>Task</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Management and Project Reporting</td>
<td>23 mo</td>
</tr>
<tr>
<td>Preliminary Design Services</td>
<td>2 mo</td>
</tr>
<tr>
<td>Engineering Design Services</td>
<td>4 mo</td>
</tr>
<tr>
<td>Environmental Review Services and Permitting (CEQA)</td>
<td>9 mo</td>
</tr>
<tr>
<td>Surveying (grant funding not requested)</td>
<td>8 mo</td>
</tr>
<tr>
<td>Project Implementation Construction</td>
<td></td>
</tr>
<tr>
<td>Project Implementation (Construction)</td>
<td>15 mo</td>
</tr>
<tr>
<td>Engineering Services During Bidding and Construction</td>
<td>11 mo</td>
</tr>
<tr>
<td>Construction Management Services</td>
<td>12 mo</td>
</tr>
<tr>
<td>Project Reporting</td>
<td>15 mo</td>
</tr>
<tr>
<td>Project Closeout</td>
<td>4 mo</td>
</tr>
</tbody>
</table>
Comments on Integrated Regional Water Management Plan Framework Chapter 7

3/10/20

--Jane Wagner-Tyack, League of Women Voters

<table>
<thead>
<tr>
<th>7.1 Introductory paragraph</th>
<th>Suggest “each proposed solution” instead of just “solution.”</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.1</td>
<td>The nested tier system includes a Problem Statement (which was also part of the 2014 IRWMP). That should be articulated in this framework. This is important because the Problem Statement contains several unexamined assumptions. The problem is not lack of surface water supplies, but rather the evolution of human demand for water beyond what surface and groundwater can reliably provide. Groundwater overdraft results from superannuated and unsustainable surface and groundwater management strategies.</td>
</tr>
<tr>
<td>7.2 Mission Statement</td>
<td>Suggest adding “develop stakeholder-supported projects and programs that efficiently manage all available water to mitigate and prevent. . . .”</td>
</tr>
<tr>
<td>7.3 Purpose Statement</td>
<td>“that stakeholders have expressed as central to the IRWMP and that should either be addressed by the IRWMP or at least considered. . . .”</td>
</tr>
<tr>
<td></td>
<td>Environmental quality of the community – What does this mean? We have environmental communities. We also have human communities that may be adversely affected by environmental conditions such as harmful algal blooms.</td>
</tr>
<tr>
<td></td>
<td>Health of the Sacramento-San Joaquin Delta – What does this mean? Adequacy of flows for threatened species and environmental protections? Protection of water quality for in-Delta uses? for Estuary health? for export? This needs to be more specific.</td>
</tr>
<tr>
<td>7.6 Evaluation Criteria</td>
<td>Evaluation Criteria or Performance Measures – choose one name and use that consistently.</td>
</tr>
<tr>
<td></td>
<td>Consider treating Human Impacts as its own evaluation criterion instead of as a subcategory of other criteria such as Environmental Constraints or Equity and Community Values. A partial list of elements that a Human Impacts category would cover:</td>
</tr>
<tr>
<td></td>
<td>• Quality of water for drinking and other domestic purposes</td>
</tr>
<tr>
<td></td>
<td>• Flood risk</td>
</tr>
<tr>
<td></td>
<td>• Domestic water availability</td>
</tr>
<tr>
<td><strong>7.0 Introductory Paragraph</strong></td>
<td>Remove the term “drill down”. Add after measured.. during and following implementation</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| **7.1 Problem Statement**     | Long-term groundwater overdraft due to lack of excess surface water supplies, inadequate conservation measures, deferred infrastructure improvements, and long-term reliance on groundwater threatens the social, economic, and environmental viability of the San Joaquin Region. Surface water and groundwater supplies exceeded primarily agricultural demand due to lack of conservation efforts resulting in over pumping of the groundwater beyond a properties sustainable yield. Topics listed under problems must be documented and characterized-groundwater levels will continue to decline resulting in:  
  • saline groundwater migration from the west,  
  • reduction in groundwater quality due to elevated nitrates and salts,  
  • increased pumping costs,  
  • increased seepage losses from local rivers and streams,  
  • increased lateral inflow from neighboring sub-basins, and  
  • other potentially devastating groundwater and surface water impacts. |
| **7.2 Mission Statement**     | Suggest adding “develop stakeholder-supported projects and programs that efficiently manage all available water to mitigate and prevent undesirable impacts related to surface and groundwater deficiencies.  
*Employ a consensus-based approach to address collaboratively water resource needs within the county to improve water supplies, enhance water supply reliability, improve water quality, preserve flood protection, conserve habitat, and expand recreational access by developing stakeholder-supported projects and programs that mitigate and prevent the impacts of long-term groundwater supply-demand imbalance, climate change, and respond to emerging water quality concerns.* |
| **7.3 Purpose Statement**     | The Purpose of the Greater San Joaquin IRWMP is to characterized existing water resources, define and integrate key water resource strategies to establish the course of action for the development and implementation of prioritized projects and actions that fulfills the Mission.  
The list of issues included some topics that **should** be addressed or considered in the development of the IRWMP which were vague and undefined namely 1) the Environmental quality of the community which might be more clear if referred to as the |

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--Mary Elizabeth, Sierra Club Delta-Sierra Group
Environmental health of residents and wildlife including preventing conditions associated with harmful algal blooms; 2) Health of the Sacramento-San Joaquin Delta – involving adequate flows for streambed maintenance, threatened and endangered species requirements, and the protection of water quality 3) saline groundwater migration – saline groundwater migration from the west or pumping of connate groundwater.

**Sustainability Goals**

*The sustainability goals are measurable and designed to achieve conditions resulting in a sustainable water use (absence of undesirable results) within 20 years. Sustainability will be achieved when the groundwater aquifer is recharged to pre-drought levels, the groundwater aquifer is not further depleted, stream flows are adequate for natural ecological systems’ maintenance and restoration, recreational and educational opportunities are available to residents, water quality is improved to drinking and agricultural standards, and flood control projects are integrated so that water resources are preserved and enhanced, while considering several climate change scenario.*

### 7.4 Objectives

**Objective Statement**

Ensure the long-term sustainability of water resources in the San Joaquin Region while:

- Preserving and improving water quality
- Enhancing conservation efforts

### 7.5 Community Values

**Change:**

- Protect the rights of overlying landowners to access sustainable yields to avoid conflicts related to over pumping

### 7.6 Evaluation Criteria

**Terminology should be consistent use performance measures for implementation assessments.**

Add a separate category for:

**Equity and Community Values (this is the Human Impact- it was one facet of implementability) with evaluation criteria to include:**

- Water quality for drinking and other domestic purposes
- Water quality for agricultural and industrial purposes
- Flood risk
- Domestic water availability
- Domestic wastewater impacts
- Agricultural and industrial wastewater impacts
- Project operation and maintenance impacts: noise, dust, disruptions
- Ongoing project impacts to sensitive receptors
- Fair and equitable distribution of benefits and costs among all affected communities, including disadvantaged communities
- Redirected impacts on alternate receptors which could include ecological
- Enhance open space and recreation increase watershed friendly recreational space for all communities

### 7.7 Prioritization Criteria

**Readiness to Proceed**

**Public and Stakeholder Acceptance**

Indicators could include:

- Community meeting/survey feedback
- Community outreach