



MEMORANDUM

TO: SLDMWA Board of Directors, Alternates

FROM: Rebecca Akroyd, Deputy General Counsel
Andrew Garcia, Associate Civil Engineer

DATE: May 9, 2018

RE: The Westside Integrated Regional Water Management Plan Update and Related Processes

BACKGROUND INFORMATION

- The California Legislature passed the Regional Water Management Planning Act (Wat. Code, § 10530 et seq.) in 2002. Since then, various bond acts approved by California voters have provided over \$1.5 billion in State funding to support and advance integrated, multi-benefit regional projects.
- Integrated Regional Water Management (**IRWM**) is an effort to identify and implement water management solutions on a regional scale.
- Self-identified regions integrate and implement water management solutions for their regions, with regional water managers, who are organized into regional water management groups (**RWMGs**) taking the lead. RWMGs develop and adopt IRWM plans for their regions.
- The Westside-San Joaquin IRWM region spans the service areas for twenty-three of the Water Authority's twenty-eight member agencies.
- IRWM plans provide the means to ensure the needs of disadvantaged communities (**DACs**) and their water supply and water quality issues are being met. A DAC is defined as a community, including cities, towns or counties, or a reasonably isolated and divisible segment of a larger municipality, that has an annual median household income that is less than 80 percent of the statewide annual median household income.
- The California Department of Water Resources (**DWR**) provides key technical support to RWMGs for the development and implementation of IRWM plans, and provides implementation grants that help make IRWM projects possible. The State Water Resources Control Board also administers IRWM grant programs.

THE WESTSIDE-SAN JOAQUIN IRWM PLAN

- The original Westside Integrated Water Resources Plan was an effort undertaken by the U.S. Bureau of Reclamation, the San Luis & Delta-Mendota Water Authority (**Water**

Authority), and other local stakeholders beginning in 2001. The original plan was completed in 2003, and has served as the basis for subsequent versions (adopted in 2006 and 2014), which have evolved through a series of stakeholder-driven revisions.

- The most recent update was published (in draft form) in 2014.¹ The 2014 draft plan includes chapters on governance, region description, goals and objectives, resource management strategies, integration, project solicitation and prioritization, plan performance and monitoring, data management, financing, technical analysis, relation to local planning, stakeholder involvement, and climate change.

THE WATER AUTHORITY'S ROLE

- As reflected in the 2014 draft plan, the Water Authority is the RWMG for the Westside-San Joaquin IRWM region, and serves as the final decision-making body for the region.
- Although the Water Authority is not required to serve as RWMG, it satisfies the definition of an RWMG that is included in Water Code section 10539.
- The Water Authority Board is not anticipated to be directly involved in day-to-day decision-making regarding the IRWM plan update. At key points in the plan development and when fundamental questions arise, however, the Board will have an opportunity to discuss and deliberate them. Otherwise, staff will work with working groups comprised of area stakeholders, informed by communication with the public and stakeholders.

THE IRWM PLAN UPDATE

- The Water Authority has entered into an agreement with Woodard & Curran (**W&C**) to help complete the IRWM plan update, coordinate DAC involvement, prepare the grant application(s), and assist the Water Authority in grant administration.
- The Prop 1 IRWM Implementation Grant Program will be the primary source of funds available to the Water Authority as the RWMG for the region. DWR has not yet released the draft Proposal Solicitation Process outlining the requirements for applications for grant funding, but applications will likely be accepted beginning in early 2019. W&C will prepare and submit the Prop 1 implementation grant application for the IRWM plan area.
- The Water Authority and W&C plan to proceed in scheduling and holding regular meetings among the entities within the region, and will call for information regarding projects, project prioritization, and periodization. The Water Authority and W&C will also proceed with outreach and education efforts, as well as updates to the various IRWM plan chapters.
- The Water Authority Board of Directors, as RWMG, will consider adoption following update of the plan.

¹ The 2014 draft plan update is available at http://www.sldmwa.org/Westside_San_Joaquin_2014_IWRP_Draft-July2014.pdf.

RELATED PROCESSES

- The approved Water Authority budget for FY19 includes \$150,000 for the IRWM plan update effort and \$50,000 for the Disadvantaged Community Involvement Program (**DACIP**) grant application and needs assessment. Both amounts may be reimbursable, up to the full amounts, through the IRWM implementation grant and DACIP grant programs.
- Additionally, Proposition 1 funding is expected to be available over time for groundwater, stormwater, DACs, implementation of the Sustainable Groundwater Management Act, and IRWM aligned RWMGs and agencies.

Westside-San Joaquin Integrated Regional Water Management Program past Awards and Projects

Prop 50

During the Prop 50 grant round, there were 6 projects funded under agreement number 460007649. SLDMWA was the grantee and the total award was for \$25 million for the regions Drainage Management projects.

The project names were:

- Reuse Land Acquisition
- Reuse Land Development
- Groundwater Pumping Project
- Salt Disposal Development Project
- And 2 other projects added via a later amendment
 - Source Control Projects
 - Land Purchase

Further detail can be provided if necessary, we would review the grant agreements.

Prop 84

During the Prop 84 2014 Drought Round, the following projects received funding and the total grant amount was \$2,742,915.

- Non-Potable Water System Phase III (City of Patterson)
- Marshall Spanish Return System Agricultural Drainage Recirculation Project (Patterson ID)
- North Valley Regional Recycled Water Program (DPWD)

Westside-San Joaquin Integrated Water Resources Plan Goal and Objectives

Revised May 2018

Goal

Provide a more reliable water supply, protect agricultural, municipal, and environmental water uses, and meet community needs, including those of disadvantaged communities, by improving water supply sustainability, water quality, and drainage.

Objectives

- Objective A: Provide for more reliable water supply south of the Delta
- Objective B: Improve regional self-reliance for water through investment in water use efficiency water recycling, advanced water technologies, local and regional water supply projects, and improved regional coordination of local and regional water supply efforts
- Objective C: Provide reasonable opportunity to advance ecosystem restoration through balanced project implementation
- Objective D: Provide potential for environmental and habitat improvement, including wetlands
- Objective E: Promote projects that meet the needs of disadvantaged communities
- Objective F: Promote and enhance water conservation, water use efficiency, and sustainable water use
- Objective G: Promote and enhance water recycling
- Objective H: Maximize utility of Regional aquifers while improving sustainability
- Objective I: Minimize risk of loss of life, infrastructure, and resources caused by significant storm events by utilizing uncontrolled flow beneficially
- Objective J: Capture stormwater for higher beneficial use whenever practicable
- Objective K: Develop Regional solutions that protect and enhance the quality of water supply, particularly in disadvantaged communities that are unable to meet water quality standards
- Objective L: Consider recreational potential in project development
- Objective M: Minimize energy consumption and associated GHG emissions, including use of renewable energy when appropriate

**Westside-San Joaquin
Integrated Water Resources Plan Update
May-June 2018 Project Solicitation
Project Information Form**

PLEASE SUBMIT COMPLETED FORMS BY JUNE 28, 2018

Questions and completed forms should be directed to:

Lindsey Wilcox
Woodard & Curran
(914) 513-2212
lwilcox@woodardcurran.com

Instructions

The Westside-San Joaquin Integrated Regional Water Management (IRWM) Planning Region has initiated an update of the 2014 Westside-San Joaquin Integrated Water Resources Plan (IWRP) and is seeking projects to be included in the 2018 Westside-San Joaquin IWRP. The Westside-San Joaquin IRWM is an official IRWM planning region approved by the California Department of Water Resources (DWR).

If you have a project that you would like to be included in the 2018 Westside-San Joaquin IWRP, please complete the following project information form. The project information form can be submitted electronically through the Westside-San Joaquin IWRP Project Database (OPTI) at [<insert web link>](#). If you do not have internet access, please mail or hand-deliver one copy of your application to:

Andrew Garcia, PE
San Luis & Delta-Mendota Water Authority
842 6th Street
P.O. Box 2157
Los Banos, CA 93635

For consideration and inclusion in the Westside-San Joaquin IWRP, project information forms **MUST BE** submitted by 5:00 PM on June 28, 2018.

Instructions

Please provide the most complete project information possible. Projects may be at any stage of development, from conceptual to shovel-ready. Construction projects, planning projects (such as paper studies or outreach projects), feasibility studies, and pilot studies are all eligible for inclusion in the Westside-San Joaquin IWRP. Required fields are indicated with red asterisks throughout the project information form. Not all fields are required, but blank fields may result in a lower score as the project

will not be fully assessed against project prioritization methodology. The detailed project prioritization methodology can be viewed [here](#). The project may be saved before submitting, so you can work on it over multiple sessions.

Thank you for your participation. If you have questions or comments, please visit our website at [<insert link>](#) or contact Andrew Garcia, Associate Civil Engineer, at the San Luis & Delta-Mendota Water Authority, at andrew.garcia@sldmwa.org or (209) 832-6229.

Important Items to Note Regarding Future Grant Funding

- This project solicitation process is for the purpose of compiling projects to be included in the Westside-San Joaquin IWRP, not for the purpose of applying to DWR for IRWM grant funding at this time.
- Per DWR's IRWM Guidelines, all project proponents with projects included in an IRWM grant application must adopt the IRWM Plan.
- At this time, DWR anticipates having an IRWM Implementation Grant solicitation in late 2018. In order to be eligible for grant funding, the Westside-San Joaquin IWRP must be reviewed and approved by DWR through the Plan Review Process (PRP). In order for projects to be eligible for funding, they must be included in the adopted IRWMP.
- Submitting your project for inclusion in the Westside-San Joaquin IWRP now will make it eligible for future IRWM grant cycles. However, inclusion of your project in the IRWMP will not guarantee that it is included in a grant application or that it receives grant funding.
- Projects submitted for consideration through this project solicitation process will be prioritized; only the top-ranked projects and those meeting required application criteria (as stipulated in individual Proposal Solicitation Packages released by DWR prior to grant solicitations) are likely to be submitted for IRWM implementation grant funding. Projects may move up through the ranking process over time as they are further developed or as DWR and/or the Westside-San Joaquin region's goals and objectives, and program preferences change.

Please be aware of the following as items as they relate to receiving future grant funding. This is a high-level summary of eligibility requirements. Full eligibility requirements can be found in the [2016 IRWM Planning Guidelines](#).

- **Plan Adoption:** Proponents of projects included in an IRWM Implementation proposal must adopt the IRWM Plan.
- **Public Utilities and Mutual Water Companies:** A project proposed by a public utility that is regulated by the Public Utilities Commission or a mutual water company shall have a clear and definite public purpose and shall benefit the customers of the water system and not the investors (Water Code §79712 (b)(1)).
- **Nitrate, Arsenic, Perchlorate, or Hexavalent Chromium Contamination:** Water Code §10544.5 requires the Regional Water Management Group, in areas that have nitrate, arsenic, perchlorate, or hexavalent chromium contamination, to include in the grant application information regarding how a project or projects in the application help to address the contamination or an explanation why the application does not include that kind of project or projects.

- **Climate Change:** Water Code §79742(e) requires applicants seeking Proposition 1, Chapter 7, project funding to demonstrate that the IRWM Plan that the applicant’s project implements contributes to addressing the risks in the region to water supply and water infrastructure arising from climate change.
- **Groundwater Management Plan Compliance:** Due to the recent passage of the Sustainable Groundwater Management Act (SGMA), there will be a transition period between groundwater management plans (GWMPs) and SGMA. Therefore, the 2016 Proposition 1 IRWM Guidelines note that grant eligibility will have to consider both GWMP eligibility and Groundwater Sustainability Agency (GSA)/Groundwater Sustainability Plan (GSP) progress. For groundwater management and recharge projects and for projects with potential groundwater impacts, the applicant or the project proponent responsible for such projects must demonstrate that they comply with the following regulations:
 - Water Code §10720 *et seq.*: Groundwater project proponents must demonstrate that their project is consistent with SGMA efforts in the basin.
 - Groundwater Management Plan compliance for groundwater projects or other projects having a direct effect on groundwater levels or quality, the applicant or project proponent must meet one of the following conditions (Water Code §10753.7 (b)(1):
 - They conform to the requirements of an adjudication of water rights in the subject groundwater basin
 - They have prepared and implemented a GWMP in compliance with CWC §10753.7
 - They participate or consent to be subject to a GWMP, basin-wide management plan, or other IRWM program or plan that meets the requirements of CWC §10753.7(a)
 - For projects located in low or very low priority groundwater basins without an existing GWMP, the proposal commits to adopting a GWMP compliant with Water Code §10753.7 or a GSP compliant with Water Code §10727 *et seq.*
- **Water Code § 10920 Compliance:** For high and medium priority basins without a California Statewide Groundwater Elevation Monitoring (CASGEM) monitoring entity, grant applicants and project proponents that have been identified as potential monitoring entities will not be eligible for grant funding. Counties whose jurisdictions include unmonitored high and medium priority basins will not be eligible for grant funding. If the entire service area of the grant applicant or the individual project proponents service area is demonstrated to be a DAC, the project will be considered eligible.
- **SB 985 and Stormwater Resource Plans:** A stormwater resource plan must be prepared, compliant with Water Code §10562 (b) (7), to receive grants for stormwater and dry weather runoff capture projects.
- **Requirements for Urban Water Suppliers:** An Urban Water Supplier is a supplier, either publicly or privately owned, that provides water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually (CWC § 10617). Urban water suppliers must comply with the following:
 - Urban Water Management Planning Act Compliance Water suppliers who were required by the Urban Water Management Planning Act (CWC § 10610 *et seq.*) to submit an Urban Water Management Plan (UWMP) to DWR must have submitted a complete UWMP to be eligible for IRWM Grant Program funding. Applicants and project proponents that are urban water suppliers and have projects that would receive funding through the IRWM grant program must have a complete UWMP by the time a grant is awarded to be eligible to receive funding.

- In order to be eligible for funding, urban water supplies must comply with the requirements of Part 2.55 (commencing with §10608) of Division 6, related to sustainable water use and demand reduction.
- SB X7-7 Compliance Requires all water suppliers to increase water use efficiency and sets an overall goal of reducing per capita water use by 20% by December 31, 2020. Urban water suppliers must prepare an Urban Water Management Plan (UWMP) that includes documentation of compliance with interim water use targets. In order to qualify for funding, urban water suppliers must have a UWMP approved by DWR.
- CWC § 529.5 Compliance - Requires on or after January 1, 2010, any urban water supplier applying for state grant funds for wastewater treatment projects, water use efficiency projects, drinking water treatment projects, or for a permit for a new or expanded water supply, shall demonstrate that they meet the water meter requirements in CWC § 525 *et seq.*
- **Requirement for Agricultural Water Suppliers:** In accordance with CWC §10608.56, an agricultural water supplier is ineligible for funding unless it complies with requirements of Part 2.55 (commencing with §10608) of Division 6. This requires that the agricultural water supplier measure the volume of water delivered, adopt a pricing strategy based at least partially on quantity delivered, and implement additional efficient management practices. The supplier must prepare an Agricultural Water Management Plan (AWMP) which must be approved by DWR in order to qualify for funding. SB X7-7 also requires preparation of an AWMP for grant eligibility.
- **Requirement for Surface Water Diverters:** A diverter of surface water is not eligible for a water grant or loan awarded or administered by the State unless it complies with surface water diversion reporting requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the Water Code.

Project Information

Project Title: * Click here to enter text.

Responsible Agency: * Click here to enter text.

Responsible Agency Contact: * Click here to enter text.

Title: * Click here to enter text.

Address: * Click here to enter text.

Phone: * Click here to enter text.

Email: * Click here to enter text.

Other Participating Agencies (if applicable): Click here to enter text.

Eligibility

In order to be considered for inclusion in the Westside-San Joaquin Integrated Water Resources Plan (WIWRP), the project must meet at least one WIWRP Objective, at least one Statewide Priority, and address at least two Resource Management Strategies. If your project does not meet these minimum requirements it will not be included in the Plan Update.

WIWRP Objectives*

Please describe how your project advances one or more of the WIWRP Objectives. The project must address at least one WIWRP Objective in order to be eligible for inclusion in the Plan Update.

Objective A: Provide reasonable opportunity to advance ecosystem restoration through balanced project implementation

Description: [Click here to enter text.](#)

Objective B: Provide potential for environmental and habitat improvement, including wetlands.

Description: [Click here to enter text.](#)

Objective C: Improve South-of-Delta water supply reliability.

Description: [Click here to enter text.](#)

Objective D: Minimize risk of loss of life, infrastructure, and resources caused by significant storm events by utilizing uncontrolled flow beneficially.

Description: [Click here to enter text.](#)

Objective E: Maximize utility of Regional aquifers while improving sustainability.

Description: [Click here to enter text.](#)

Objective F: Consider recreational potential in project development.

Description: [Click here to enter text.](#)

Objective G: Capture stormwater for higher beneficial use whenever practicable.

Description: [Click here to enter text.](#)

Objective H: Promote and enhance water conservation.

Description: [Click here to enter text.](#)

Objective I: Develop Regional solutions that provide opportunity for water quality improvement.

Description: [Click here to enter text.](#)

Objective J: Promote and enhance water recycling.

Description: Click here to enter text.

Objective K: Minimize energy consumption and associated GHG emissions.

Description: Click here to enter text.

Objective L: Promote projects that meet the needs of disadvantaged communities (DACs).

Description: Click here to enter text.

Statewide Priorities*

Please check all that apply. The project must address at least one statewide priority in order to be eligible for inclusion in the Plan Update.

- Make Conservation a California Way of Life
- Increase Regional Self-Reliance and Integrated Water Management Across All Levels of Government
- Achieve the Co-Equal Goals for the Delta
- Protect and Restore Important Ecosystems
- Manage and Prepare for Dry Periods
- Expand Water Storage Capacity and Improve Groundwater Management
- Provide Safe Water for All Communities
- Increase Flood Protection
- Increase Operational and Regulatory Efficiency
- Identify Sustainable and Integrated Financing Opportunities

Resource Management Strategies*

Please select all that apply to your project. The project must address at least two Resource Management Strategies in order to be eligible for inclusion in the Plan Update.

- | | |
|--|--|
| <input type="checkbox"/> Agricultural Water Use Efficiency | <input type="checkbox"/> Agricultural Land Stewardship |
| <input type="checkbox"/> Urban Water Use Efficiency | <input type="checkbox"/> Economic Incentives (Loans, Grants and Water Pricing) |
| <input type="checkbox"/> Conveyance – Delta | <input type="checkbox"/> Ecosystem Restoration |
| <input type="checkbox"/> Conveyance – Regional/local | <input type="checkbox"/> Forest Management |
| <input type="checkbox"/> System Reoperation | <input type="checkbox"/> Land Use Planning and Management |
| <input type="checkbox"/> Water Transfers | <input type="checkbox"/> Recharge Area Protection |
| <input type="checkbox"/> Conjunctive Management & Groundwater | <input type="checkbox"/> Water-Dependent Recreation |
| <input type="checkbox"/> Desalination – Brackish & Seawater | <input type="checkbox"/> Watershed Management |
| <input type="checkbox"/> Precipitation Enhancement | <input type="checkbox"/> Flood Management |
| <input type="checkbox"/> Recycled Municipal Water | <input type="checkbox"/> Outreach and Engagement |
| <input type="checkbox"/> Surface Storage – CALFED | <input type="checkbox"/> Water and Culture |
| <input type="checkbox"/> Surface Storage – Regional/Local | <input type="checkbox"/> Crop Idling for Water Transfers |
| <input type="checkbox"/> Drinking Water Treatment and Distribution | <input type="checkbox"/> Dewvaporation or Atmospheric Pressure Desalination |
| <input type="checkbox"/> Groundwater and Aquifer Remediation | <input type="checkbox"/> Fog Collection |
| <input type="checkbox"/> Sediment Management | <input type="checkbox"/> Irrigated Land Retirement |
| <input type="checkbox"/> Matching Quality to Use | <input type="checkbox"/> Rainfed Agriculture |
| <input type="checkbox"/> Pollution Prevention | <input type="checkbox"/> Waterbag Transport/Storage Technology |
| <input type="checkbox"/> Salt and Salinity Management | |
| <input type="checkbox"/> Urban Stormwater Runoff Management | |

Project Description

Project Description*

Please provide a description of your project, including the project location, area and/or entities that will be affected by or will benefit from your project, related water and environmental resources within the project boundaries, and any potential obstacles to implementation. Further documentation (such as project studies) may be attached in the **<insert location>** Tab to supplement, but not replace, the information provided below.

Click here to enter text.

Project Location / Coordinates

Latitude: * Click here to enter text.

Longitude: * Click here to enter text.

Project Status*

Select a project status from the dropdown list below. Project Status options are defined as follows:

- **Conceptual:** Project concept not included in any documents to date
- **Planning:** Project concept included in a planning document to date; project-specific planning document prepared (e.g. Recycled Water Facilities Plan)
- **Under Design:** Project design has started but is not yet complete (e.g. Basis of Design Report, pre-design, 30%, 60%, 90%, or Final Design)
- **Ready to Proceed:** 100% plans and specs complete

For **non-construction projects** (e.g. paper study), please use the following definitions:

- **Conceptual:** Project concept not included in any documents to date
- **Planning:** Project concept included in a planning document to date
- **Under Design:** Work plan/scope is in draft form
- **Ready to Proceed:** Final work plan/scope exists

Project Status: * Choose an item.

Readiness to Proceed*

Please discuss project readiness and anticipated start date. Include a description of the status of design, bid package, permitting and securing required matching funds.

Click here to enter text.

Environmental Documentation*

Describe the environmental documentation required (e.g. Environmental Impact Report or Negative Declaration) for the proposed project and the status of the required documentation. If environmental

documentation is required but has not been started, please provide the estimated timeframe for completing the required documentation.

Click here to enter text.

DRAFT

Multi-entity Integration and Benefits*

Is your project linked to or combined with another project? If yes, please describe the linked / integrated projects and other possible project participants. Describe entities that benefit from the project and describe the benefits to each entity.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Does the project provide benefits on a regional scale? If so, please describe how the benefit(s) will have a regional impact.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Technical Feasibility*

Is the project technically feasible?

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Do you have background information, studies or other documentation (including author and year) that detail the technical feasibility of the project?

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Economic Feasibility

Please provide estimated project costs (capital, operations and maintenance, and replacement) and estimated project life. Project cost information is not required but must be provided in order to receive points for economic feasibility. If no annual O&M costs are provided, the annual O&M cost will be assumed to be 10% of the project cost. If no cost information is provided, the lowest score will be awarded for the Economic Feasibility criterion.

Capital Cost: \$ [Click here to enter text.](#)

Annual O&M Costs: \$ [Click here to enter text.](#)

Replacement Costs, Description of Equipment to be Replaced, & Frequency of Replacement (e.g., every 5 years): [Click here to enter text.](#)

Estimated Project Life (Years) (click [here](#) for a list of general infrastructure life spans): [Click here to enter text.](#)

Cost Basis (if not 2018 dollars): [Click here to enter text.](#)

Possible Funding Sources: [Click here to enter text.](#)

Has a source of local funding match been identified and/or secured for the project?

- Local funding match has been secured / Match Not Required (DAC or SDAC Project)*
- Potential source of local funding match has been identified*
- Potential source of local funding match has not been identified*

Dependence on the Sacramento-San Joaquin Delta*

Will the project help reduce dependence on the Sacramento-San Joaquin Delta for water supply? If yes, describe how this will be achieved.

- Yes*
- No*

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Disadvantaged Communities*

Will the project help address critical water supply and water quality needs of disadvantaged communities (DACs)? If yes, describe how this will be achieved. (The DAC status of communities may be determined using DWR's DAC Mapping Tool, available [here](#). DACs may be identified at the census designated place, census tract, or block group level. A community may also be considered a DAC if an income survey has been completed demonstrating that the community qualifies as a DAC.)

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Environmental Justice*

Environmental justice can be defined as the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies. Environmental justice seeks to redress inequitable distribution of environmental burdens (i.e. pollution, industrial facilities) and access to environmental goods (i.e. clean water and air, parks, recreation, nutritious foods, etc.).

Have the environmental justice impacts of the projects been evaluated? If yes, describe the potential impacts or benefits and efforts to mitigate environmental justice concerns.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Native American Tribal Communities*

Will the project benefit Federally- or State-recognized Native American Tribal communities? If yes, describe how Native American Tribal communities will benefit.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Climate Change Adaptation

Climate change adaptation includes activities to adjust to the actual or expected future climate.

Does the project help the water system adapt to vulnerabilities to climate change effects? If yes, describe how adaptation(s) are achieved.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Does the project provide adaptation to changes in the amount, intensity, timing, quality, and/or variability of runoff and recharge? If yes, describe how adaptation is achieved.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Does the project provide an adaptation to sea level rise (either direct or indirect adaptations)? If yes, describe how adaptation is achieved.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Climate Change Mitigation

Climate change mitigation includes activities to reduce and stabilize the levels of greenhouse gases in the atmosphere.

Does the project consider the contribution of the project to reducing GHG emissions as compared to project alternatives? If so, describe how this was considered.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Does the project consider the ability of the project to help the Westside-San Joaquin Region reduce greenhouse gas emissions as new projects are implemented over the 20-year planning horizon? If so, describe how this was considered.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

Does the project reduce energy consumption and/or greenhouse gas emissions? If yes, describe how energy consumption or emissions are reduced.

Yes

No

Explanation (required if "Yes," optional if "No"): [Click here to enter text.](#)

WIWRP Update Adoption

Does the project proponent plan to formally adopt the WIWRP Update (e.g., at a city council or board of directors meeting)? If the proponent is a nonprofit organization, does it plan to follow an equivalent process to formally approve or accept the plan?

Yes

No

Westside-San Joaquin Project Prioritization Methodology

Step 1 - Eligibility Check

Eligibility Requirements	
✓	Project is located within the Westside-San Joaquin Region
✓	Project meets at least one Regional objective
✓	Project fulfills at least one Statewide Priority
✓	Project fulfills at least two Resource Management Strategies

Step 2 - Evaluation

Criterion 1: Contribution to Plan Objectives	
High	Project addresses 9 to 12 objectives
Medium	Project addresses 5 to 8 objectives
Low	Project addresses 0 to 4 objectives

Criterion 2: Relation to Resource Management Strategies (RMS)	
High	Project addresses 9 or more strategies
Medium	Project addresses 5 to 8 strategies
Low	Project addresses 0 to 4 strategies

Criterion 3: Technical Feasibility	
High	Documents exist demonstrating the technical feasibility of the project (feasibility study)
Medium	The project is of a type that is generally technically feasible
Low	No information provided

Criterion 4: Benefits to Disadvantaged Community (DAC) Water Issues	
High	Project provides direct benefits to DACs
Medium	Project provides indirect benefits to DACs
Low	No benefits to DACs

Criterion 5: Benefits to Native American Tribal Communities	
High	Project provides direct benefits to Native American Tribal Communities
Medium	Project provides indirect benefits to Native American Tribal Communities
Low	No benefits to Native American Tribal Communities

Criterion 6: Environmental Justice (EJ) Considerations	
High	Project will not have EJ impacts
Medium	Project's EJ impacts are uncertain
Low	Project will have EJ impacts

Criterion 7: Project Costs and Financing (relative to local funding match)	
High	Local funding match has been secured
Medium	Potential source of local funding match has been identified
Low	Potential source of local funding match has not been identified

Criterion 8: Economic Feasibility

High	Benefit:cost ratio is greater than 2
Medium	Benefit:cost ratio is between 1 and 2
Low	Benefit:cost ratio is less than 1

Criterion 8 Score Calculation Detail

Benefit:cost (B:C) Ratio scores are calculated by dividing the benefit score by the cost score. The benefit and cost scores are assigned as follows:

Benefit: The benefit score will be determined based on the total points scored by the project in the other categories. Benefit scores will be assigned based on the project score as follows:

Number of Objectives Met	Benefit Score
Project addresses 9 to 12 objectives	3
Project addresses 5 to 8 objectives	2
Project addresses 0 to 4 objectives	1

Cost: Present value (PV) cost of project will be calculated based on the capital cost, annual O&M cost (assumed to be 10% of total construction cost unless otherwise provided), and project lifespan, using a 6% discount rate (per DWR's Economic Analysis Handbook). Cost scores will be assigned based on the PV cost as follows:

PV Cost	Cost Score
<= \$2 million	1
> \$2 million, <= \$20 million	2
> \$20 million	3

Criterion 9: Project Status

High	Project status is listed as Ready to Proceed
Medium	Project status is listed as Under Design
Low	Project status is listed as Planning or Conceptual

Note: DAC projects are exempt from this criterion and will automatically receive a Medium score if they are not considered ready to proceed.

Criterion 10: Strategic Consideration for IRWM Plan Implementation

High	Project provides benefits on a regional scale <u>and</u> involves multiple agencies or community groups
Medium	Project provides benefits on a regional scale <u>or</u> involves multiple agencies or community groups
Low	Project does <u>not</u> provide benefits on a regional scale <u>nor</u> involve multiple agencies or community groups

Criterion 11: Climate Change Adaptation

High	Project addresses 2 or 3 climate change adaptation questions
Medium	Project addresses 1 climate change mitigation question
Low	Project addresses 0 climate change mitigation questions

Criterion 12: Reducing GHG Emission as Compared to Project Alternatives

High	Project addresses all 3 climate change mitigation questions
Medium	Project addresses 1 or 2 climate change mitigation questions
Low	Project addresses no climate change mitigation questions

Criterion 13: Plan Adoption

High	Project sponsor will adopt Westside-San Joaquin IWRP
Medium	Project sponsor may adopt Westside-San Joaquin IWRP
Low	Project sponsor will not adopt Westside-San Joaquin IWRP

Step 3: Prioritize Projects**Overall Project Prioritization**

High	Project received 8 or more "Highs" in Step 2
Medium	Project received 2 to 7 "Highs" in Step 2
Low	Project received 0 or 1 "Highs" in Step 2