



# **COST SHARING AGREEMENT FOR THE RIVERSIDE HABITAT, PARKS, AND WATER PROJECT – PLANNING, ENVIRONMENTAL AND DESIGN SERVICES**

**Public Utilities Department**

**City Council**

July 18, 2023

RiversideCA.gov

1

## **ENVIRONMENTAL BACKGROUND**

- In 2010, the U.S. Fish and Wildlife revised the critical habitat listing for the threatened Santa Ana Sucker fish, expanding it from Prado Dam up to Seven Oaks Dam.
- San Bernardino Valley Municipal Water District (Valley District), along with 10 other water agencies, including Riverside Public Utilities (RPU), led the creation of the Upper Santa Ana River Habitat Conservation Plan (SARHCP) in 2014.
- The SARHCP will provide environmental coverage for future projects.
- Environmental Impact Report and Plan documents are anticipated to be finalized in 2023.

2



RiversideCA.gov

2

## ENVIRONMENTAL BACKGROUND

- The SARHCP will implement restoration and mitigation efforts prior the construction of new water supply projects.
- Valley District has successfully obtained grant funding on behalf of the SARHCP
- The RHPWP will provide Riverside to utilize up to 9,750 AFY of new water supply by modifying Riverside's wastewater discharge obligation to the River.
- Project would provide a reliable water supply about 4 miles of newly created and restored habitat that will be used by native fish species including the threatened Santa Ana sucker



3

RiversideCA.gov

3

## WASTEWATER DISCHARGE BACKGROUND

- Per the 1969 Santa Ana River Judgment, Western parties are responsible to ensure a certain volume of water is delivered to Orange County at Prado Dam.
- Riverside is obligated to discharge between 12,420 AFY and 15,250 AFY of treated effluent.
- In 2008, Riverside was seeking a permit to remove all its wastewater discharge flows above 15,250 AFY for use as recycled but met with resistance by environmental regulators and organizations.
- Riverside negotiated to provide an additional 10,000 AFY as an environmental commitment to obtain its permit.
- RPU and Valley District believe Riverside's discharge change petition will be successful because there is no other project to protect species and habitat available.
- RPU has been negotiating an exchange program with Valley District to generate a new water supply.



4

RiversideCA.gov

4

# RHPWP – TWO PHASE PROJECT

**Phase 1-The West Branch:** Originate at the RWQCP and head west along Jurupa Ave.

- An additional pipeline will be installed
- Will deliver supplemental recycled water to:
  - Lower Hole Creek
  - The newly constructed Hidden Valley Creek
  - The restored Hidden Valley Wetlands.

**Phase 2-The East Branch:** Originate at the RWQCP and run east along Jurupa Ave. and then head north towards Fairmount Park and the Northside area.

- Will deliver supplemental recycled water to:
  - Anza Drain
  - Old Ranch



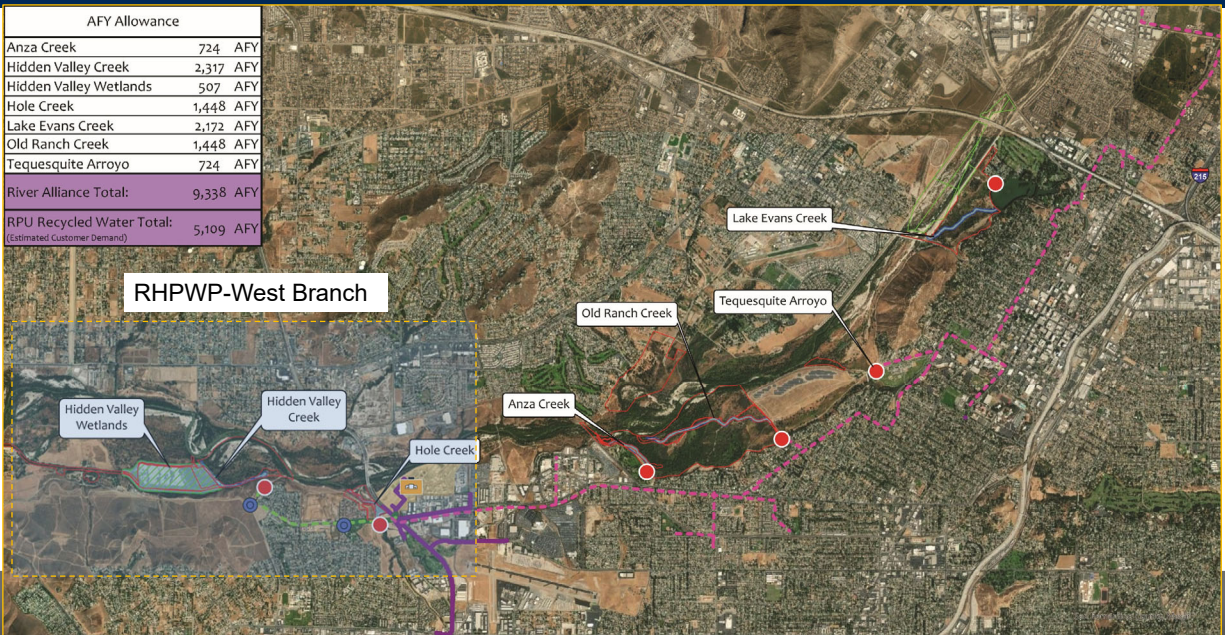
5

RiversideCA.gov

5

# PROJECT DESCRIPTION

AFY Allowance	
Anza Creek	724 AFY
Hidden Valley Creek	2,317 AFY
Hidden Valley Wetlands	507 AFY
Hole Creek	1,448 AFY
Lake Evans Creek	2,172 AFY
Old Ranch Creek	1,448 AFY
Tequesquite Arroyo	724 AFY
River Alliance Total:	9,338 AFY
RPU Recycled Water Total: (Estimated Customer Demand)	5,109 AFY



6

## DISCUSSION

- The RHPWP require CEQA evaluation at the project level (though included in the HCP).
- RPU and Valley District are proposing to partner on the planning, design, and modeling efforts as well as on the CEQA analysis by sharing the costs 50/50.
- The modeling efforts and the CEQA evaluation will be used to obtain the necessary environmental and water rights permitting from the State.
- The tasks within the cost sharing agreement will make the project eligible and attractive for grants.



7

RiversideCA.gov

7

## ENVIRONMENTAL DOCUMENTATION & PERMITTING

- On March 11, 2022, Valley District released an RFP for completing the Environmental Impact Report and CEQA permitting for the project.
- 5 proposals received and evaluated using the following criteria:
  - Experience and qualification of the project consultant (10%)
  - Understanding of Needs and Schedule (10%)
  - CEQA and NEPA Approach (20%)
  - Resource Permitting Approach (15%)
  - Wastewater Change Petition Approach (15%)
  - Approach to other potential survey needs (15%)
  - Project Cost (15%)



8

RiversideCA.gov

8

DISCUSSION			
Consultant/City Location	Proposed Fee	Weighted Score Evaluations	
		Total Score 100	Rank
Environmental Science Associates (ESA) Irvine, CA	\$287,025	87.38	1
ICF Sacramento, California	\$487,061	78.00	2
Ruth Villalobos & Associates, Inc. Ontario, CA	\$491,292	72.38	3
Stantec Consulting Services Inc. San Bernardino, California	\$380,704	71.88	4
Aspen Environmental Group - Upland, CA	\$240,458	66.50	5

9


## ENGINEERING DESIGN

- Design is anticipated to start by RPU's staff in FY 2023 if the Cost Share Agreement is approved.
- The design reviews will be coordinated between RPU and Valley District.
- The total design cost is estimated at \$1,700,000 which includes RPU staff time and consultants to support the design effort.

10

## HYDROLOGIC MODELING SERVICES

- Technical memorandum to support the Riverside Habitat, Parks, and Water Project to be prepared by Geoscience.
- The analysis will support the approval of the Environmental Impact Report (EIR), the 1211 Wastewater Change of Use Petition, and future NPDES permitting from the Regional Board.
- The cost estimates to provide the modeling services for this project was estimated at \$68,862 by Geoscience.


11
RiversideCA.gov

11

## CAPITAL PROJECT EXPENDITURE BREAKDOWN


Work Type	Performed By:	Amount
Environmental Documentation (CEQA/NEPA) and Permitting	ESA (Managed by SBVMWD)	\$287,025
Hydrologic Modeling Services	Geoscience (Managed by SBVMWD)	\$68,862
Engineering Design (WO#2227156)	RPU Water Engineering	\$1,700,000
Contingency (10%)		\$205,600
<b>Total Cost</b>		<b>\$2,261,500</b>
Reimbursements (50% cost share with SBVMWD)		\$1,130,750
<b>Riverside Total Cost</b>		<b>\$1,130,750</b>
<b>Anticipated Start Date:</b>		Summer 2023
<b>Anticipated Duration:</b>		18 Months

12



<b>WORK ORDER 2227156 BREAKDOWN</b>		
<b>Work Task</b>	<b>Performed By</b>	<b>Amount *</b>
<b>Engineering Design</b>	RPU Water Engineering and Outside Vendors	\$1,870,000
<b>Environmental / Permitting (50% Reimbursement to Valley District)</b>	ESA (Managed by Valley District)	\$157,864
<b>Hydrologic Modeling Services (50% Reimbursement to Valley District)</b>	Geoscience (Managed by Valley District)	\$37,874
<b>Work Order #2227156 Total Cost (rounded)</b>		<b>\$2,065,750</b>
<b>RPU Design Reimbursement (50% Reimbursement From Valley District)</b>		\$935,000
<b>Riverside's Total Cost</b>		<b>\$1,130,750</b>

\*Amounts include 10% contingency. <sup>13</sup>



RiversideCA.gov

13

## FINAL PRODUCT





The cost share agreement between the two parties (City of Riverside and SBVMWD) will help support achieving the following efforts:

- Adopted CEQA/NEPA Document
- Wastewater Change Petition
- Design Package for West Branch Bid
- This work will support the pursuit of additional grant funds


RiversideCA.gov


14


## STRATEGIC PLAN ALIGNMENT


 **Priority 1 - Arts, Culture and Recreation**  
 **Priority 4 - Environmental Stewardship**  
 **Priority 5 - High Performing Government**  
 **Priority 6 - Infrastructure, Mobility & Connectivity**


---


### Cross-Cutting Threads


 Community Trust

 Fiscal Responsibility

 Sustainability & Resiliency

 Equity


 Innovation


15
RiversideCA.gov

## RECOMMENDATIONS

That the City Council:

1. Approve a Cost Sharing Agreement between San Bernardino Valley Municipal Water District and City of Riverside for Planning, Environmental and Design costs for the Riverside Habitat, Parks, and Water Project – West Branch, in an amount not to exceed \$2,261,500, of which 50% is the City of Riverside's share;
2. Authorize the City Manager, or designee, to execute the Cost Sharing Agreement including making minor and non-substantive changes.


16
RiversideCA.gov