

Sunnyslope Jurupa Ditch to Pipeline Project Drought Relief Grant Application

Ian Achimore, Senior Watershed Manager
SAWPA Commission | November 2, 2021

Item 6.A.



Conservation Team

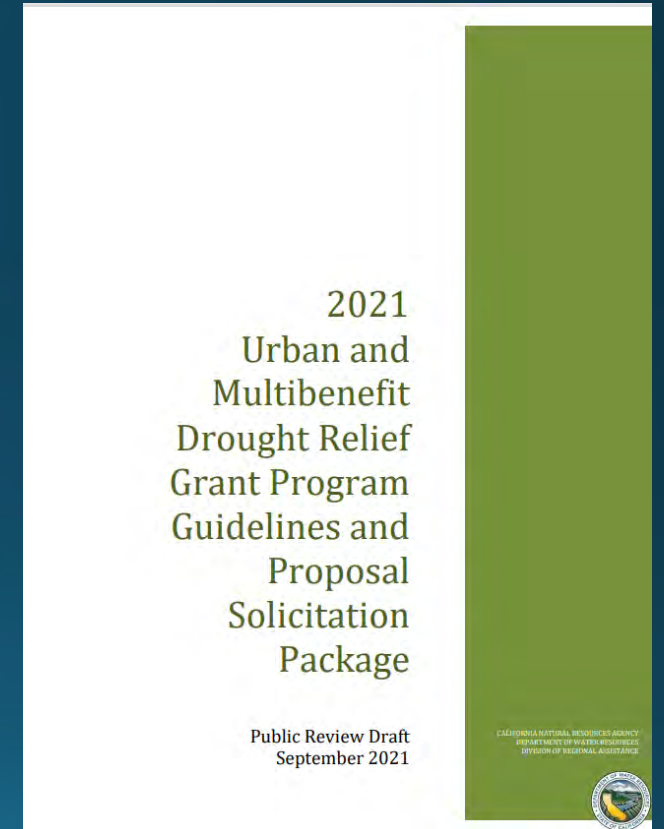
Recommendation

Receive and file.

- Note: If the SAWPA Commission is supportive of this grant application effort, SAWPA staff would bring back a final recommendation for applying for the grant application at the next Commission meeting on November 16, 2021.

DWR Urban and Multibenefit Drought Relief Grant Program

- Grant Guidelines and Proposal Solicitation Package (PSP) Released by DWR on 9/23/2021.
- \$190 million in grant funding available for immediate relief in response to California drought.
- Addresses immediate impacts on human health and safety and on fish and wildlife resources, and to provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies.



Drought Relief Grant Program – More Information

- DWR accepting applications in Nov. 2021,
- DWR funding awards start in Dec. 2021,
- As a “general implementation” project, the minimum the project can receive is \$2 million,*
- No local cost share required,
- Costs incurred after award date are eligible for reimbursement, and
- Project must be complete by **March 31, 2026.**



*The draft PSP says that “DWR may establish a maximum award size depending on the applications received and available funds.”

Project for Consideration

Sunnyslope / Jurupa Ditch to Pipeline Project

- Presented to Commission as part of initial update on DWR grant by Mark Norton on October 5, 2021.
- Project is of interest to San Bernardino Valley Municipal Water District and Orange County Water District as additional flow to Sunnyslope Creek assists them with their habitat-related regulatory obligations.
 - Water from the pipeline would also be provided as an irrigation water supply source for Jurupa Ditch Water Company* customers.



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*This water company is within the Western Municipal Water District wholesale service area.

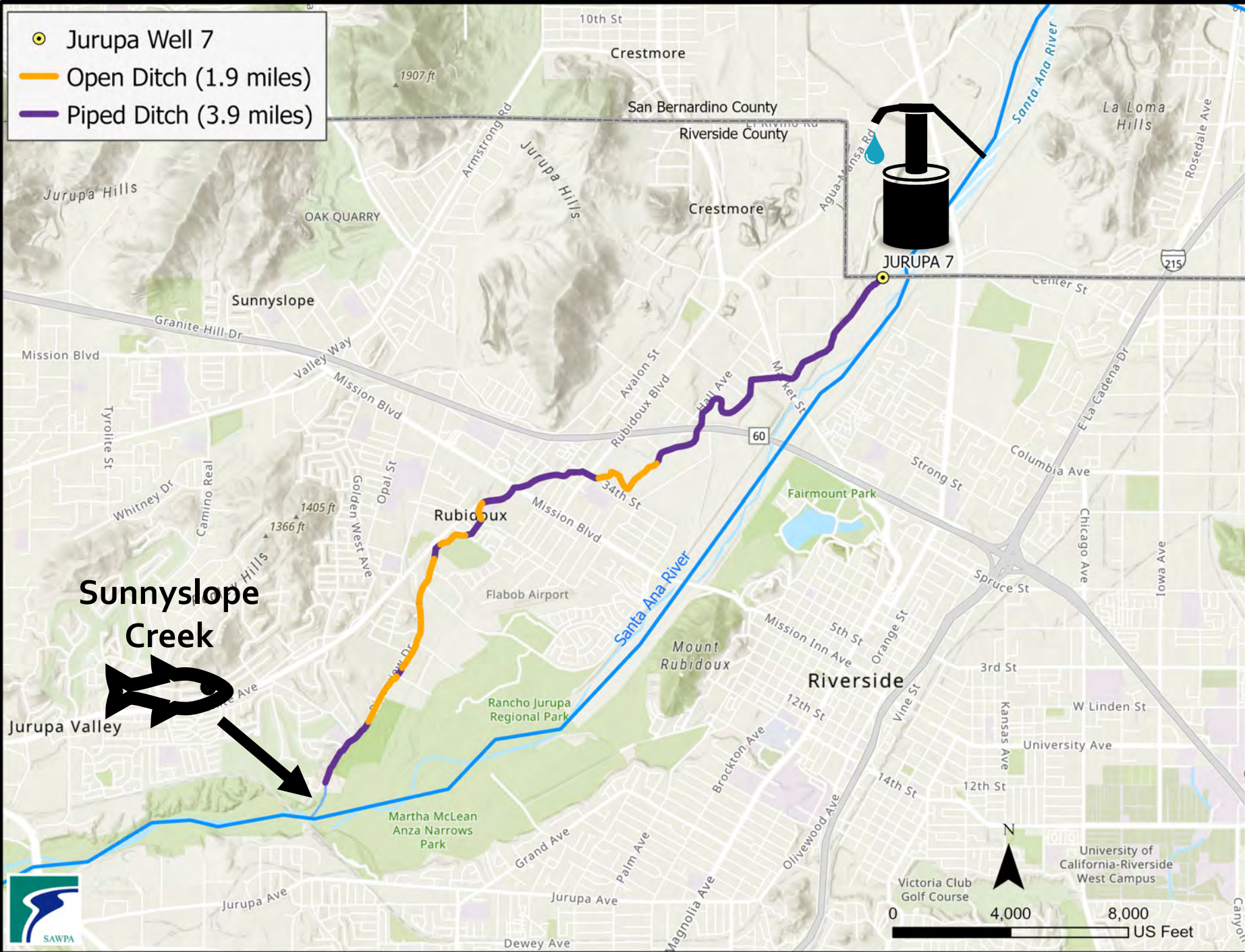
Source of Additional Flows for Sunnyslope

- Water transported to Sunnyslope Creek through Jurupa Ditch via gravity,
- Sunnyslope is a tributary to the Santa Ana River,
- Project scope involves improving the ditch and converting much of it to a mid-size-diameter pipeline, and
- Ditch is owned by Jurupa Ditch Company,
 - Long-term maintenance of improved ditch would be obligation of the company.

Project Concept*



*Concept developed by recent SBVMWD water supply study.



Impact of Drought on Sunnyslope

- OCWD has tracked native fish through annual surveys in Sunnyslope.
- Santa Ana sucker presence has declined over recent years.
- From 2013 to 2020, the creek has completely dry sections during the summer months.
- Flow has been so low during OCWD surveys that it is not measurable with a flow meter.

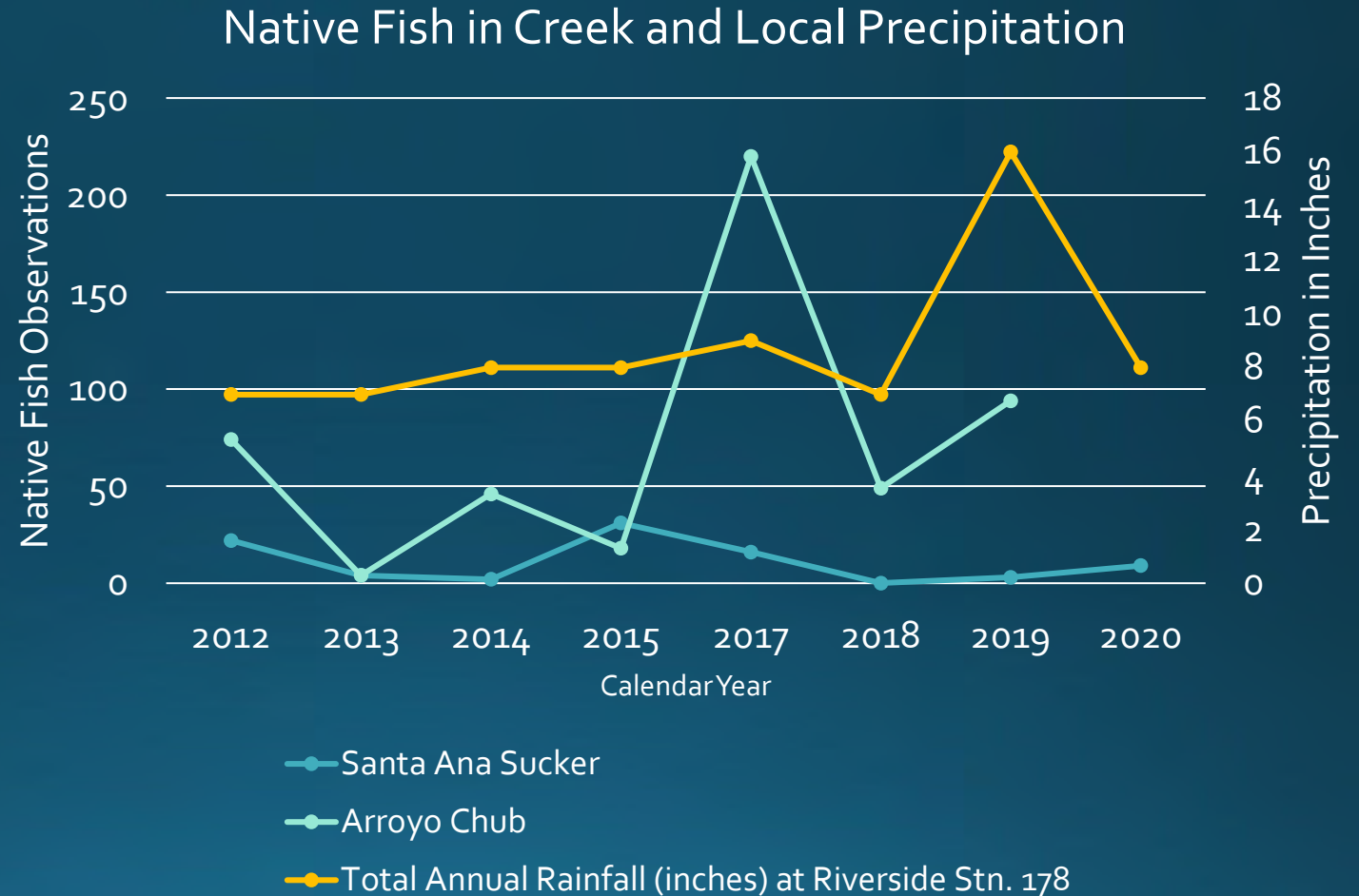


Chart Note: No fish monitoring in 2016.

SAWPA and Conservation Team as Project Lead

- Project presented to Santa Ana Conservation Team on October 25, 2021,
- Conservation Team is a SAWPA-led task force focused on monitoring Santa Ana River habitat and implementing projects to improve habitat for Santa Ana Sucker (native fish),
 - Team members: SAWPA, OCWD and City of Riverside.
 - There is funding within the Sucker Team budget to fund staff time for writing grant application.
 - SBVMWD is providing support as they have executed a contract with consulting firm WSC to provide technical support on the grant application.



Conservation Team

Interagency Coordination to Date

- SAWPA has coordinated with the following parties on the project:
 - **Riverside County Parks and Open-Space District**, who has used information from SAWPA staff to update the Jurupa Ditch Water Company,
 - **Western Municipal Water District** who is involved in the Riverside Groundwater Basin,
 - **Rubidoux Community Services District**, which is the retail water agency who serves potable water to many of the Jurupa Ditch Water Company customers, and
 - **Riverside Public Utilities**, who is obligated to provide water into the Jurupa Ditch per a 1960 court decision.



Preliminary Cost Estimates

- \$2 million total cost for replace all sections of open channel with 10,000 feet of new 14-inch PVC pipeline.
- \$2 million includes:
 - \$1.5 million for new pipeline, and
 - \$500,000 for contract requirements (contingency, insurance, and bonds), contractor mobilization/demobilization, and clearing and grubbing of the open channels.
- SAWPA and SBVMWD are still investigating other components to include in project such as diversion gates, water meters, storage basins and other environmental improvements to Sunnyslope.
- Two additional wells (additional costs of \$500,000) is also of interest to the group. Wells would benefit Riverside County Parks, a major partner for restoring native habitat in the Santa Ana River.



Preliminary Schedule Estimates

	Year:	2021	2022				2023				2024			
	Quarter:	4	1	2	3	4	1	2	3	4	1	2	3	4
Grant Application		█												
Grant Award and DWR Negotiation			█											
Permitting and Planning				█	█	█	█	█						
Design and Construction Bid				█	█	█	█	█						
Construction									█	█	█	█		

Questions



WSC Photo: Jurupa Ditch transitioning from pipe to open ditch.



OCWD Photo: Sucker fish in Sunnyslope Creek