



## Yucaipa Basin Groundwater Monitoring Program

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Applicant: **Yucaipa Valley Water District**

Address: **12770 2<sup>nd</sup> Street, Yucaipa, CA 92399**

Project Manager: **Joseph Zoba**

Address: **12770 Second Street, Yucaipa, CA 92399**

Email: **[jzoba@yvwd.us](mailto:jzoba@yvwd.us)**

Phone: **(909) 797-5119**

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## TECHNICAL PROPOSAL AND EVALUATION CRITERIA

### Executive Summary

Date: March 16, 2021

Name: Yucaipa Valley Water District

City, County, State: Yucaipa, San Bernardino, California

Yucaipa Valley Water District (YVWD or District) is a Category A applicant and was formed as part of reorganization, pursuant to the Reorganization Act of 1965, being Division I of Title 6 of the Government Code of the State of California. On September 14, 1971, the Secretary of State of the State of California certified and declared the formation of the Yucaipa Valley County Water District. YVWD operates under the County Water District Law, being Division 12 of the State of California Water Code (the “Act”). The Yucaipa Valley Water District boundary encompasses the City of Yucaipa located in San Bernardino County and the City of Calimesa located in Riverside County.

Yucaipa Valley Water District will install remote groundwater monitoring equipment within the Yucaipa Basin which is located in Southern California. This equipment will be placed into ten existing production and monitoring wells to aid groundwater data collection. The unique geology of the region formed several faults in the Yucaipa Basin which can be further divided into nine subbasins. These subbasins experience varying groundwater elevations. With more accurate and frequent groundwater level data, YVWD can make better-informed decisions on groundwater pumping, groundwater recharge, and share this data with other stakeholders within the Yucaipa Basin. This project meets the goals in YVWD’s Sustainability Plan, YVWD’s Water Shortage Contingency Plan, and the Yucaipa Groundwater Sustainability Plan. This project will begin in February of 2022 and is expected to be completed by May 2023. The proposed project is not located on Federal facilities.

### Project Location

The Yucaipa Basin Groundwater Monitoring Program is located in San Bernardino County, California. The project is completely located within the City of Yucaipa which is about 70 miles east of Los Angeles and 20 miles southeast of San Bernardino. All portions of the project fall within a 3.5 mile radius of the following Latitude and Longitude: 34.0363828°N, 117.0303863°W, which is shown in Figure 1. Figure 2 shows the relationship between YVWD’s boundary and the Yucaipa Basin.

Figure 1. Project Map Location.

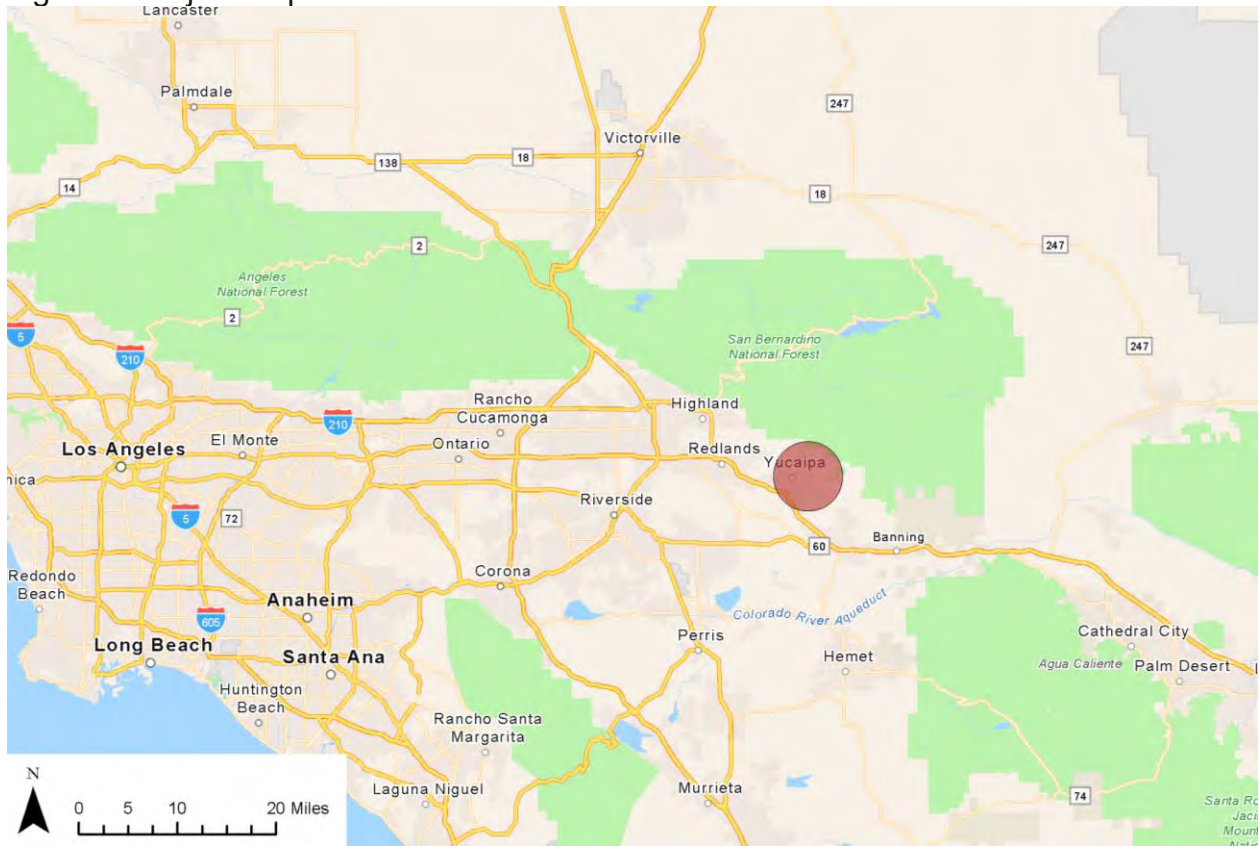
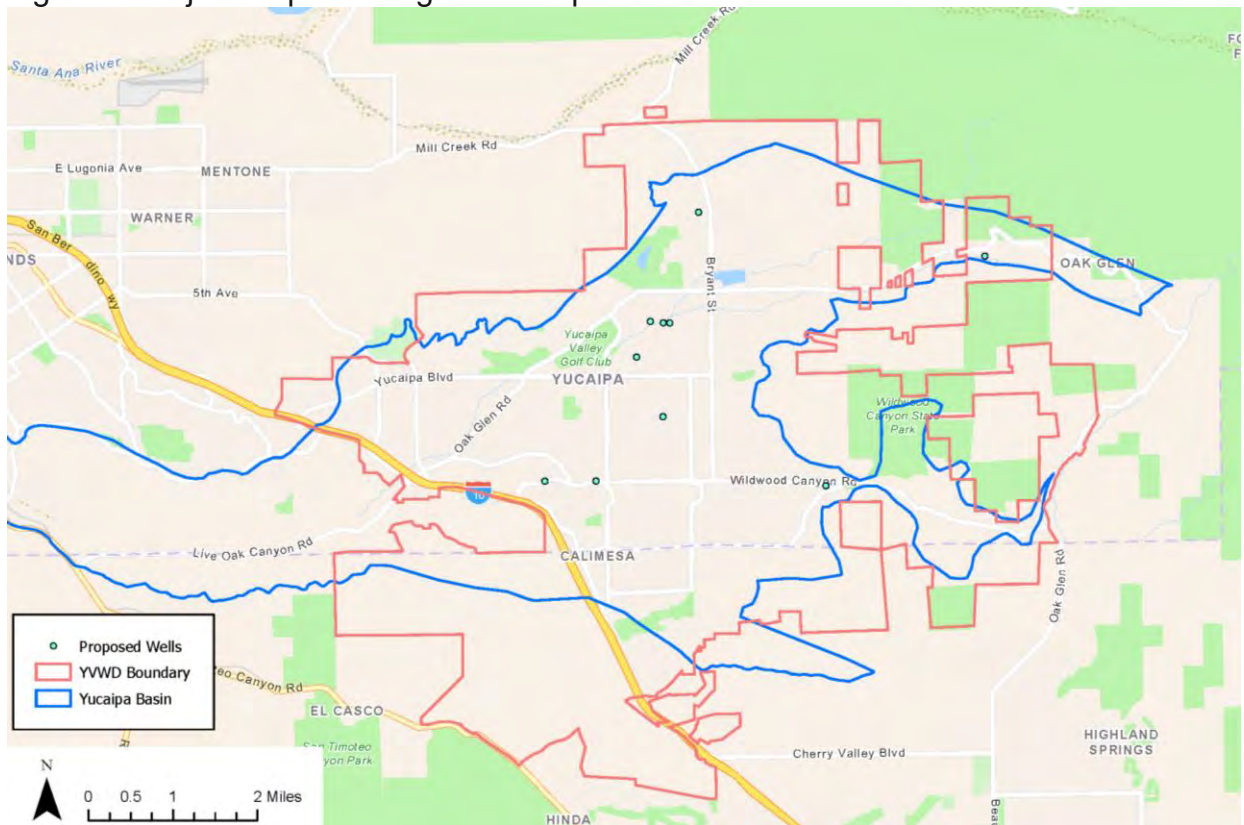


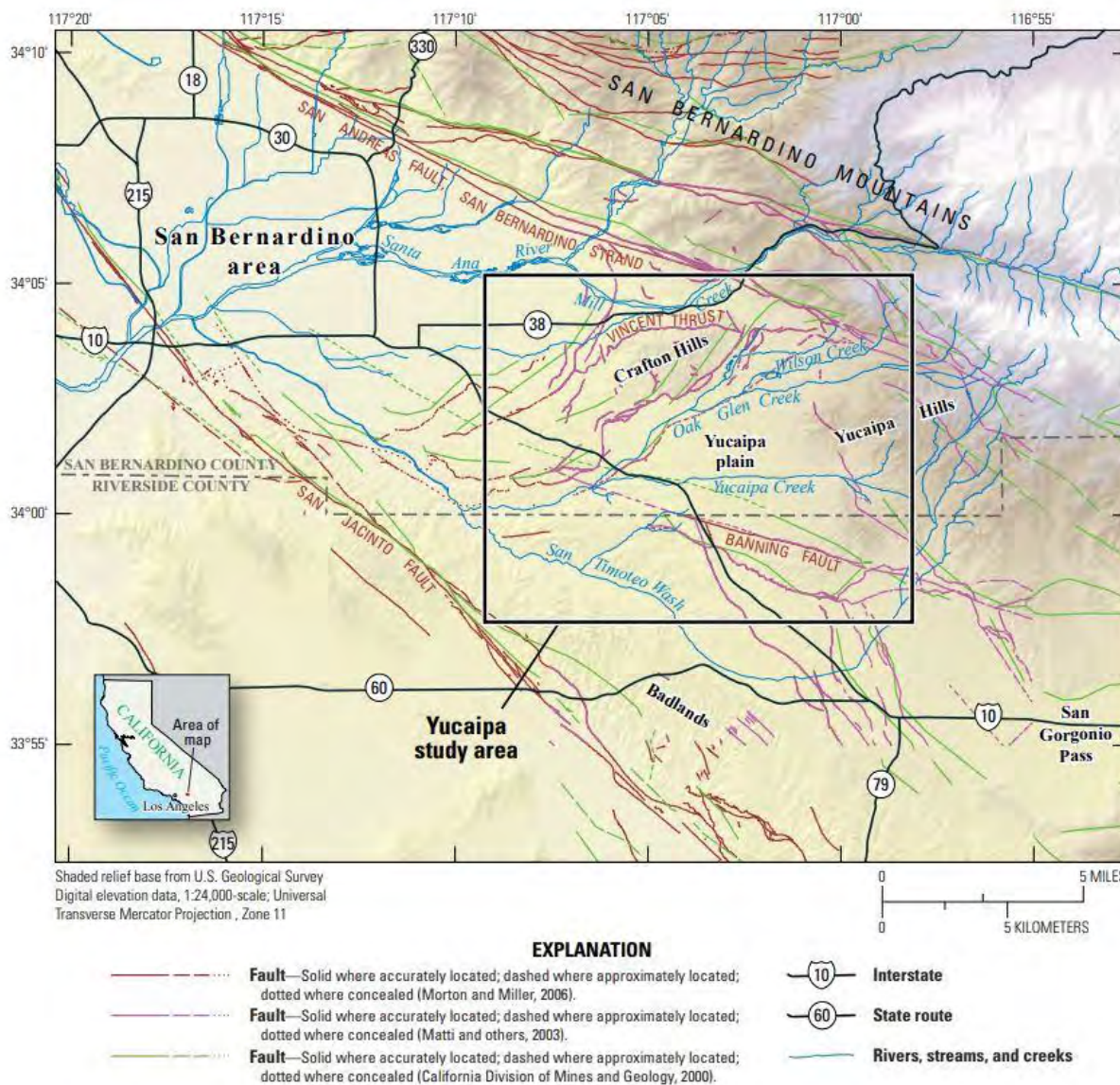
Figure 2. Project Map Showing the Yucaipa Basin and YVWD service area



## Project Description

Yucaipa Valley Water District intends to install In-Situ groundwater monitoring telemetry systems to establish a network of monitoring points within the Yucaipa Basin. Due to faulting, Yucaipa Basin is further divided into nine subbasins. These subbasins were identified by the USGS and are confirmed with variations in observed groundwater levels in YVWD's wells (Figure 3).

Figure 3. USGS Map of faulting in the Yucaipa region.

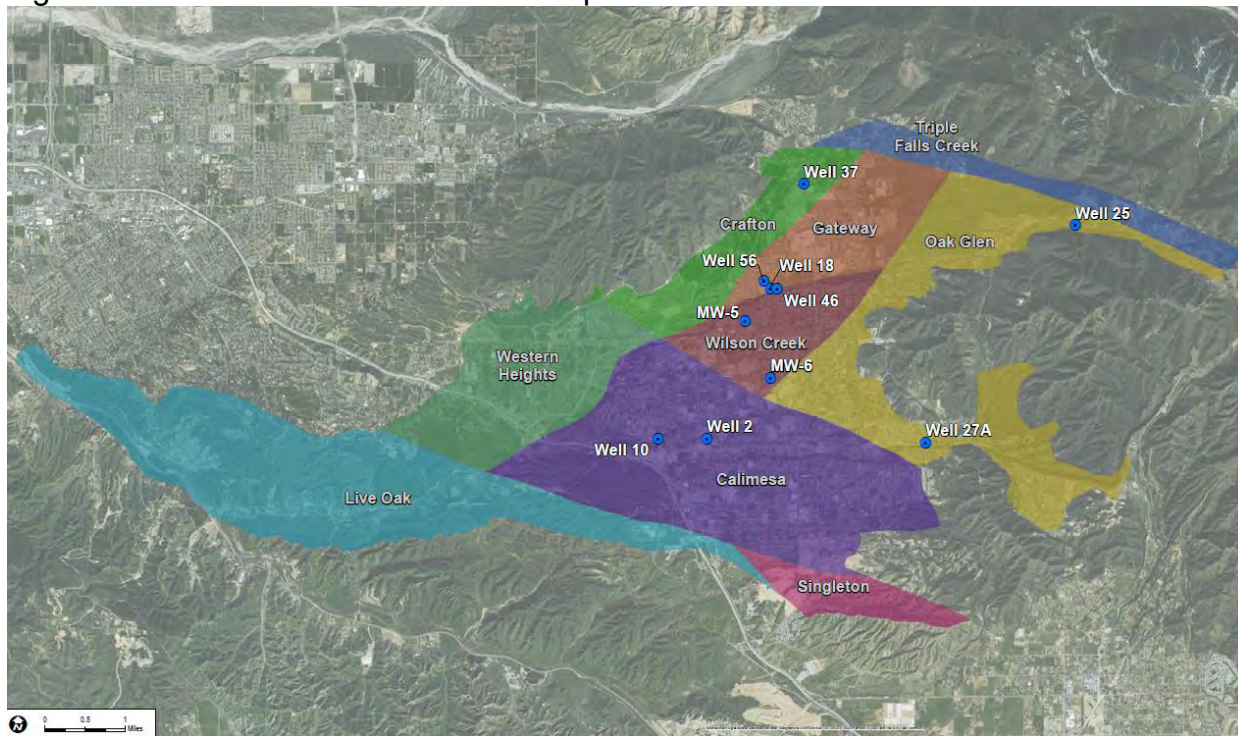


YVWD is highly dependent on groundwater and has a strategic goal to reduce reliance on the State Water Project. The unique geology of the area provides a challenge to gain accurate groundwater data. The Yucaipa Basin Groundwater Monitoring Program will provide additional insight into the complicated basin. Not only are there numerous faults throughout the Yucaipa Basin, the area has a substantial elevation change of 3,140 feet. This results in the need to analyze the groundwater flow trends from the higher elevations to the lower elevations and also along the fault lines.

In 2017, Yucaipa Valley Water District hired Dudek, a consulting firm, to investigate the feasibility of installing monitoring equipment into several wells located throughout the Yucaipa Basin. Groundwater wells located in the Calimesa, Wilson Creek, Crafton, Gateway, and Oak Glen subbasins were the primary focus because they are most used

for groundwater production (Figure 4). No wells were identified in the Triple Falls Creek, Live Oak, Western Heights, or Singleton Subbasins because there are no active YVWD wells in those subbasins.

Figure 4. The nine subbasins within Yucaipa Basin and the ten well locations.



At each of these ten well sites, Dudek identified the well type, active pumping status, and the modifications required to house the monitoring equipment. Table 1 describes the findings of the observations made by Dudek. Many of the wells would require very little modification and can be completed by YVWD staff. Some wells will require a higher level of augmentation. A well service company will be hired to make the necessary changes on these wells which include the addition of access ports and PVC tubing within the casing to protect the monitoring equipment.

Table 1. Well Assessment Summary. All depths are in feet.

Subbasin	Well ID	Measured Depth to Water	Total Well Depth	Depth of Pump	Well Type	Pump Type	Wellhead Modification Required
Calimesa	Well 10	NM	518	471	Inactive Production	Turbine Shaft	Yes. Access port to be drilled into wellhead manifold and tube to house transducer to be installed past the pump.
	Well 2	NM	--	--	Active Production	Turbine Shaft	Yes. Tube to house transducer to be installed past the pump
Wilson Creek	MW-5	194.85	430	NA	Monitoring	No pump	No modification required.
	MW-6	216.71	311	NA	Monitoring	No pump	No modification required.
Crafton	Well 37	NM	480	407	Active Production	Turbine shaft	Yes. Access port to be drilled into wellhead manifold and tube to house transducer to be installed past the pump.
Gateway	Well 56	NM	850	660	Active Production	Turbine shaft	Yes. Access port to be drilled into wellhead manifold and tube to house transducer to be installed past the pump.
	Well 18	NM	—	—	Inactive Production	Turbine Shaft	Yes. Access port to be drilled into wellhead manifold and tube to house transducer to be installed past the pump.
	Well 46	NM	—	—	Active Production	Turbine Shaft	Yes. Access port to be drilled into wellhead manifold and tube to house transducer to be installed past the pump.
Oak Glen	Well 25	35.15	55	50.7	Active Production	Electric Submersible	Yes. Access port to be drilled into wellhead manifold and tube to house transducer to be installed past the pump.
	Well 27A	70.65	178	NA	Monitoring	No pump	Yes. Installation of a new, locking monitoring well lid.

Once the necessary modifications have been completed, YVWD will install the monitoring equipment. An In-Situ Rugged Troll 200 transducer will be lowered into each well. The probe will capture water level data at 15 minute intervals. The probe will be connected to a Vulink telemetry device. Every day the Vulink will remotely transmit data to Hydrovu, an online platform, where YVWD staff can track groundwater data. YVWD staff are familiar



with this equipment and software and have been using the devices in other monitoring wells since 2012.

## Evaluation Criteria

*Evaluation Criterion A—Project Benefits: Up to **35 points** may be awarded based upon evaluation of the benefits that are expected to result from implementing the proposed project. This criterion considers a variety of project benefits, including the significance of the anticipated water management benefits and the public benefits of the project. This criterion prioritizes projects that modernize existing infrastructure in order to address water reliability concerns, including making water available for multiple beneficial uses and resolving water related conflict in the region.*

- *What are the benefits to the applicant's water supply delivery system?*

The District is heavily reliant on groundwater as a source of water: in calendar year 2020, groundwater represented 63% of the potable water use within the service area. With the implementation of remote groundwater monitoring equipment, the District can make more informed decisions on which subbasins to draw water from to better serve the community while maintaining groundwater levels. The continuous data that this project will provide will eliminate temporal data gaps and help the District understand the well screen saturation of its active production wells.

- *Extent to which the proposed project improves overall water supply reliability:*

Because the District relies heavily on groundwater resources, it is imperative to closely monitor that resource. In 2020, over 7,000 acre-feet of water was pumped from the Yucaipa Basin by the District. The District also recharged 2 acre-feet of water into the basin. The data will allow YVWD to understand long-term groundwater elevation trends, short-term trends due to production well pumping, and relationships between subbasins. With more information, the District can better determine how much groundwater can be pumped sustainably from each subbasin and how much artificial recharge is needed to meet the needs of the District. YVWD maximizes wet weather conditions by recharging stormwater in local basins while also purchasing excess water from the State Water Project when available. By obtaining additional water supplies during high precipitation cycles, YVWD has the ability to increase local groundwater levels. Since 2007, the District has increased groundwater levels through active recharge, approximately 100 feet in some locations. Additional well monitoring will define a more comprehensive story regarding where and when to recharge. Also, the District will know of any long-term storage changes and improve the groundwater modeling for the Yucaipa Basin.

- *The expected geographic scope benefits from the proposed project (e.g., local, sub-basin, basin):*

The entire Yucaipa Basin and YVWD's service area will benefit from better groundwater level data.

- *Extent to which the proposed project will increase collaboration and information sharing among water managers in the region:*

The District is a part of the Yucaipa Groundwater Sustainability Agency (GSA) which is classified as a high priority basin by the Department of Water Resources. The Yucaipa GSA also includes the City of Yucaipa, the City of Redlands, San Bernardino Valley Municipal Water District, San Geronio Pass Water Agency, Western Heights Water Company, South Mesa Water Company, and South Mountain Water Company. These other entities are invested in the Yucaipa Basin because they also have wells within the basin, are wholesalers to the retailers in the basin, or are involved in stormwater recharge in the basin. The data gathered by the monitoring well equipment can be shared among the other stakeholders of the Yucaipa GSA to make better informed decisions by the agency and to ensure Sustainable Groundwater Management Act compliance.

- *Any anticipated positive impacts/benefits to local sectors and economies (e.g., agriculture, environment, recreation, tourism):*

The positive impact for the local sector and economies is having a better understanding of the local water resources so the District can accurately gauge the sustainable growth of the Yucaipa region and ensure sufficient water resources for current businesses, recreation, and agriculture.

For example, YVWD is actively involved in enhancing the agency's recycled water program. Increasing recycled water use will reduce the impact on the local groundwater supply. Recycled water is used for outdoor irrigation and provides an opportunity to enhance the agricultural interests in the area. Vineyards and apple farming are important to the community and offer increased recreation and tourism to the area. More monitoring equipment in additional wells throughout the service area will also gauge the success of the recycled water program and its influence on less groundwater pumping for outdoor irrigation.

- *Extent to which the project will complement work done in coordination with NRCS in the area (e.g., with a direct connection to the district's water supply). Describe any on-farm efficiency work that is currently being completed or is anticipated to be completed in the future using NRCS assistance through EQIP or other programs:*

This project does not have coordination with NRCS.

*Evaluation Criterion B—Planning Efforts Supporting the Project: Up to **35 points** may be awarded based on the extent to which the proposed on-the-ground project is supported by an applicant’s existing water management plan, water conservation plan, System Optimization Review, or identified as part of another planning effort led by the applicant. This criterion prioritizes projects that are identified through local planning efforts and meet local needs.*

- *Does the proposed project implement a goal or address a need or problem identified in the existing planning effort?*

The proposed project supports the goals of three other planning efforts that the District is involved in:

The Yucaipa Groundwater Sustainability Agency’s implementation of the Yucaipa Basin Groundwater Sustainability Plan (GSP) is a multi-agency planning effort. The state determined that the Yucaipa Basin is a high priority basin that must be managed sustainably by 2042. An important part of managing a basin is having an extensive understanding of groundwater data in order to create accurate models and determine management success. The GSP is expected to be adopted in 2021.

Yucaipa Valley Water District’s Strategic Plan for a Sustainable Future was adopted on August 28, 2009. This plan lays out the District’s priorities that help ensure sustainable water use which can be accurately benchmarked by the implementation of the proposed project. The goal of the sustainability plan which is currently in motion, is to design a robust water supply portfolio for the region.

Yucaipa Valley Water District’s Water Shortage Contingency Plan (WSCP) is being updated. The WSCP is a plan required by the Department of Water Resources that outlines the different stages of drought, indicators of the stage of drought the District is experiencing, and District actions implemented at each of the stages. Groundwater levels is a significant indicator in determining the level of water shortage experienced by YVWD.

- *Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.*

This project represents an easy solution for the identified data gaps in groundwater monitoring in the region. The other basins that the District overlies (San Timoteo and Beaumont Basin) have similar monitoring equipment as this project proposes to use.

However, the Yucaipa Basin represents the largest percentage of groundwater that the District uses. With so many people dependent on the groundwater in Yucaipa Basin, it is imperative that it is tracked closely. Additionally, the Yucaipa Basin GSP will set forth minimum threshold and objectives for groundwater elevations within each subbasin. The monitoring equipment will ensure YVWD is meeting those objectives.

*Evaluation Criterion C—Project Implementation: Up to **10 points** may be awarded based upon the extent to which the applicant is capable of proceeding with the proposed project upon entering into a financial assistance agreement.*

*Describe the implementation plan for the proposed project. Please include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates.*

February 2022: Development of detailed work-plan and CEQA NOE.

March 2022: In-Situ groundwater monitoring equipment is ordered.

June 2022: Necessary modifications are made by YVWD staff to wells MW-5, MW-6, and Well 27A. Groundwater monitoring equipment are installed in these wells.

July 2022: RFP sent out for well service company to make the necessary changes to the seven remaining wells.

September 2022: Select well service company.

March 2023: Well service company completes well modifications.

May 2023: Groundwater monitoring equipment is installed in the seven remaining wells.

- *Describe any permits that will be required, along with the process for obtaining such permits.*

This project will not require permitting because its implementation will only require the augmentation of existing wells so that equipment can be placed inside. According to section 15301 of the CEQA Statute and Guidelines, existing facilities are categorically exempt from the requirement for the preparation of environmental documents. A CEQA Notice of Exemption will be filled at the beginning of the project and the project will not move forward until it is accepted.

- *Identify and describe any engineering or design work performed specifically in support of the proposed project.*

In 2017 Dudek inspected the ten wells in this proposed project and determined the modifications required at each one to allow groundwater monitoring equipment installation. Moving forward, the well service company will be responsible for making the necessary changes. No further engineering or design work is required.

- *Describe any new policies or administrative actions required to implement the project.*

There are no existing policies that need to be changed or actions needed for this project.

- *Describe the timeline for completion of environmental and cultural resource compliance. Was the timeline for completion of environmental and cultural resource compliance discussed with the local Reclamation office?*

The only environmental compliance needed is a CEQA Notice of Exemption. There is no further environmental compliance needed for this project.

*Evaluation Criterion D—Nexus to Reclamation: Up to **10 points** may be awarded based on the extent that the proposal demonstrates a nexus between the proposed project and a Reclamation project or activity. Describe the nexus between the proposed project and a Reclamation project or activity, including:*

*Is the proposed project connected to a Reclamation project or activity? If so, how?*

The Yucaipa Basin Groundwater Monitoring Project is located in the Upper Santa Ana River Watershed which has multiple U.S. Bureau of Reclamation projects. The proposed project will benefit the basin where the project is located because it will allow the District to understand the local groundwater resources better and to make more informed decisions on how much water is needed from the Delta every year.

- *Does the applicant receive Reclamation project water?*

Because Yucaipa Valley Water District receives water from the State Water Project, YVWD does receive water from Reclamation projects. There are a variety of projects and activities the Bureau of Reclamation is involved in located in the Delta as well as multiple other areas that influence the State Water Project.

- *Is the project on Reclamation project lands or involving Reclamation facilities?*

The project is not located on Reclamation Project lands and does not involve Reclamation facilities.

- *Is the project in the same basin as a Reclamation project or activity?*

The project is located in the same basin as YVWD's AMI Project and Distribution Metering Enhancement Project which have both received Reclamation support and funding. The project is also located in the Santa Ana River Watershed where multiple Bureau of Reclamation projects and activities occur.

- *Will the proposed work contribute water to a basin where a Reclamation project is located?*

The project will not directly contribute water to a basin where a Reclamation project is, but it will improve the management of groundwater where Reclamation projects are located and possibly lead to less reliance on the Delta.

- *Will the project benefit any tribe(s)?*

This project will not benefit any tribes; no tribes are located within the project area.

## PROJECT BUDGET

### Funding Plan and Letters of Commitment

YVWD's Board of Directors have budgeted funds for the proposed project. No expenses are to be incurred prior to the project start date. No funding requests are pending with any other entities. The cost sharing provided by YVWD will be 54%. No outside funding sources are included in this proposal and consequently no letters of commitment are attached.

### Budget Proposal

Table 2. Total Project Cost Table

Source	Amount
Costs to be reimbursed with the requested Federal funding	\$75,000.00
Costs to be paid by the applicant	\$88,266.79
<b>Total Project Cost</b>	<b>\$163,266.79</b>

Table 3. Budget Proposal

Budget Item Description	Computation		Quantity Type	Total Cost
	\$/Unit	Quantity		
<b>Salaries and Wages</b>				
Employee 1	41.77	100	hours	\$4,177.00
Employee 2	41.77	100	hours	\$4,177.00
Employee 3	41.77	100	hours	\$4,177.00
Subtotal:				\$12,531.00
<b>Fringe Benefits</b>				
Full time employees	18.25	300		\$5,475.00
Subtotal:				\$5,475.00
<b>Supplies and Materials</b>				
VuLink CI	\$795	10		\$7,950.00
Rugged Troll 200	\$595	10		\$5,950.00
VuLink Antenna	\$30	10		\$300
500 ft cable	\$990	3		\$2,970.00
150 ft cable	\$361.50	1		\$361.50
400 ft cable	\$815.00	1		\$815.00
275 ft cable	\$580.25	1		\$580.25
440 ft cable	\$885.00	1		\$885.00
710 ft cable	\$1,372.50	1		\$1,372.50
1100 ft cable	\$2,055.00	1		\$2,055.00
Cable Hanger Kit	\$110.00	1		\$110.00
Tax				\$1,908.16
Shipping				\$313.38
Subtotal:				\$25,760.79
<b>Contractual/Construction</b>				
Dudek Support Services	\$250	30	hours	\$7,500
Well Services Contractor	\$16,000	7		\$112,000
Subtotal:				\$119,500
<b>TOTAL:</b>				<b>\$163,266.79</b>

### Budget Narrative

Yucaipa Valley Water District staff time included in the budget includes the adjustments to be done on three of the wells and project management. Dudek will procure services from a well service contractor for the augmentation of the remaining seven wells; Dudek and YVWD staff will oversee the work being done by the contractor. The required materials and supplies include everything necessary for remote groundwater monitoring at the ten wells. The cost of equipment varies by well because of differences in the well depth and the different cable lengths necessary to have the transducers be placed below the well



pumps. The average cost of equipment per well is \$2,576. There are no third-party contributors.

## ENVIRONMENTAL AND CULTURAL RESOURCES COMPLIANCE

- *Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize impacts.*

No earth-disturbing activity will occur as a result of this project at the ten well sites. Soil, water, air, or habitat will not be affected by the implementation of this project.

- *Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?*

No. The well augmentation required will not disturb any surrounding habitat or species.

- *Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as “Waters of the United States?” If so, please describe and estimate any impacts the proposed project may have.*

There are no wetlands or Waters of the United States in the vicinity of the ten well sites.

- *When was the water delivery system constructed?*

The wells the District is planning to install equipment in were drilled as early as 1921 and as recently as 2003.

- *Will the proposed project result in any modification of or effects to individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.*

No changes to irrigation systems will be made as a result of this project.

- *Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local*

*Reclamation office or the State Historic Preservation Office can assist in answering this question.*

None of these well sites have cultural or historical significance. To Yucaipa Valley Water District's understanding, none are registered with the State Historical Preservation Office.

- *Are there any known archeological sites in the proposed project area?*

There are no known archeological sites at the well sites.

- *Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?*

This project will not have any negative effects on any part of the local population.

- *Will the project limit access to ceremonial use of Indian sacred sites or result in other impacts on tribal lands?*

No sacred Indian sites or tribal lands exist in the project locations.

- *Will the proposed project contribute to the introduction, continues existence, or spread of noxious weeds or non-native invasive species known to occur in the area?*

The project will not move or disturb soil and will not introduce invasive plant species.

## REQUIRED PERMITS OR APPROVALS

There are no required permits or approvals to proceed with the implementation of this program.

## LETTERS OF PROJECT SUPPORT

Yucaipa Valley Water District has attached letters of support for the Small-Scale Water Efficiency—Yucaipa Basin Groundwater Monitoring Program from the following:

City of Yucaipa—Fermin Preciado: Director of Development Services/City Engineer

San Bernardino Valley Municipal Water District—Robert Tincher: Chief Water Resources Officer/Deputy General Manager



March 9, 2021

Bureau of Reclamation  
1849 C Street NW  
Washington DC 20240-0001

Re: Support of the United States Bureau of Recreation WaterSMART: Small Scale Water Efficiency Project Grant for the Yucaipa Basin Groundwater Monitoring Program

Dear Bureau of Reclamation:

I am writing in support of Yucaipa Valley Water District's (District) Yucaipa Basin Groundwater Monitoring Program. This project will allow for the installation of remote groundwater monitoring equipment within the Yucaipa Basin which is located within the City of Yucaipa in Southern California.

Our agency has partnered with the District to complete many multi-purpose flood control projects and understands the unique topography of the area. The geology of the region has formed several faults in the Yucaipa Basin which are further divided into nine subbasins. These subbasins experience varying groundwater elevations due to fault barriers. Installing monitoring wells in existing wells will provide more accurate and frequent groundwater level data, allowing the District to make more informed decisions on groundwater pumping and groundwater recharge.

The additional groundwater level information can be shared with other agencies on regional plans. For example, our agency and the District are collaborating on the Yucaipa Groundwater Sustainability Plan. The Yucaipa Basin, sub-basin No. 8-02.07 as identified by the California Department of Water Resources is considered a high priority basin, consequently additional data for the area will benefit the groundwater sustainability agency's planning efforts.

Thank you for considering the Yucaipa Valley Water District's WaterSMART application.

Regards,

A handwritten signature in blue ink, appearing to read "Fermin", is placed above the typed name.

Fermin Preciado, P.E.  
Director of Development Services/City Engineer

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City of Yucaipa  
34272 Yucaipa Blvd, Yucaipa, CA 92399  
909-797-2489



March 11, 2021

Camille Calimlim Touton  
Deputy Commissioner  
Bureau of Reclamation  
1849 C Street NW  
Washington, DC 20240-0001

**SUBJECT:** Support of the United States Bureau of Recreation WaterSMART: Small Scale Water Efficiency Project Grant for the Yucaipa Basin Groundwater Monitoring Program

Dear Ms. Calimlim-Touton,

On behalf of the San Bernardino Valley Municipal Water District, I would like to express my full support for the Yucaipa Basin Groundwater Monitoring Program proposed by Yucaipa Valley Water District (District). This Program will allow for the installation of remote groundwater monitoring equipment within the Yucaipa Basin in Southern California.

The San Bernardino Valley Municipal Water District has worked with the District on many projects and understands the unique geology of the Yucaipa Basin. The geology of the region has formed several faults in the Yucaipa Basin, which are further divided into nine (9) subbasins; these subbasins experience varying groundwater elevations due to the fault barriers. Installing water level monitoring equipment in existing wells will provide more accurate and frequent groundwater level data, allowing the District to make more informed decisions on groundwater pumping and groundwater recharge.

The Yucaipa Basin is identified by the California Department of Water Resources as a high priority basin, consequently additional data for the area will benefit the Groundwater Sustainability Agency's planning efforts. The San Bernardino Valley Municipal Water District and the District are collaborating on the Yucaipa Groundwater Sustainability Plan. The groundwater level information collected in this Program will be shared with local, regional, State, and Federal agencies for the continued sustainable management of the Yucaipa Basin.

Thank you for considering the Yucaipa Valley Water District's WaterSMART application.

Sincerely,

**Robert M. Tincher, P.E., M.S.**  
Chief Water Resources Officer/Deputy General Manager

Board of Directors and Officers

JUNE HAYES  
Division 1

GIL J. BOTELLO  
Division 2

SUSAN LONGVILLE  
Division 3

T. MILFORD HARRISON  
Division 4

PAUL R. KIELHOLD  
Division 5

HEATHER P. DYER  
General Manager

## OFFICIAL RESOLUTION

### RESOLUTION NO. 2021-17

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE YUCAIPA VALLEY WATER DISTRICT SUPPORTING THE APPLICATION FOR A WATERSMART SMALL SCALE WATER EFFICIENCY PROJECTS FROM THE BUREAU OF RECLAMATION AND COMMITTING THE DISTRICT TO THE FINANCIAL AND LEGAL OBLIGATIONS ASSOCIATED WITH THE RECEIPT OF THE WATERSMART GRANT FINANCIAL ASSISTANCE REQUIREMENTS**

WHEREAS, the Yucaipa Valley Water District (the "District") is a public agency of the State of California organized and existing pursuant to the provisions of the County Water District Law of this State (Section 30000, et seq. of the Water Code); and

WHEREAS, the mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American people; and

WHEREAS, the Bureau of Reclamation has announced Funding Opportunity Announcement No. R21AS00300 seeking small scale water efficiency projects that conserve and use water more efficiently: mitigate conflict risk in areas at high risk for future water conflict; and accomplish other benefits that contribute to water supply reliability in the western United States.

NOW, THEREFORE, the Board of Directors of the Yucaipa Valley Water District hereby RESOLVE, DETERMINE, and ORDER as follows:

1. That the Board of Directors delegates legal authority to the General Manager to enter into a cooperative agreement with the Department of Interior, Bureau of Reclamation for the WaterSMART Grants: Small-Scale Water Efficiency Program.
2. That the Board of Directors hereby authorizes and supports the participation and submittal by the Yucaipa Valley Water District of the grant funding application.
3. That the Board of Directors supports, and the Yucaipa Valley Water District maintains the capability to provide funding and/or in-kind contributions as specified in the grant funding application.
4. That the Board of Directors hereby directs the General Manager to work with the Bureau of Reclamation to meet the established deadlines for entering into a cooperative agreement.



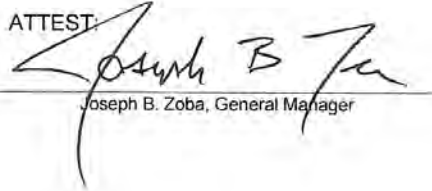
PASSED, APPROVED and ADOPTED this 9<sup>th</sup> day of March 2021.

YUCAIPA VALLEY WATER DISTRICT



Chris Mann, President Board of Directors

ATTEST:



Joseph B. Zoba, General Manager

## UNIQUE ENTITY IDENTIFIER AND SYSTEM FOR AWARD MANAGEMENT

Yucaipa Valley Water District is registered with SAM and the DUNS/UEI is 076060508.