East Valley Water District
WaterSMART Drought Response Program
Drought Contingency Planning Grant FY 2021

PREPARED FOR:
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December 22, 2020

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SECTION 1. TECHNICAL PROPOSAL AND EVALUATION CRITERIA

1. Executive Summary

Date: December 22, 2020
Applicant Name: East Valley Water District
City: Highland
County: San Bernardino
State: California

Project Summary: East Valley Water District (EVWD or District) proposes to develop a Drought Contingency Plan (Plan or DCP) that when implemented, will increase water reliability and improve water management using expanded technologies and improved modeling capabilities, consistent with sections 3 and 4 of the October 19, 2018, Presidential Memorandum on Promoting the Reliable Supply and Delivery of Water in the West. EVWD will create the Plan through two phases; I. organize a local task force and develop a detailed work plan and II. develop the plan. The Plan will include but not be limited to the six required elements identified in the BOR Drought Response Program Framework: 1) Drought Monitoring; 2) Vulnerability Assessment; 3) Mitigation Actions; 4) Response Actions; 5) Operational and Administrative Framework; and 6) Plan Development and Update Process. The Plan will benefit EVWD's entire service area (30.1 square miles), a region of the San Bernardino Valley that experiences repeated and extensive drought cycles. The District recently experienced a dry winter and therefore received a lower allocation of State Water Project water (varying from 15% - 20%), where normal allocations are typically near 30%. In addition, an announcement was recently made that the 2021 allocation will be dropped to just 10%.

Project Timeline: The proposed project will be completed within a two-year timeframe with an estimated award/start date of May 2021 and completion date of May 2023. The project will be split into two phases: Phase I will last approximately 6 months and Phase II, 18 months.

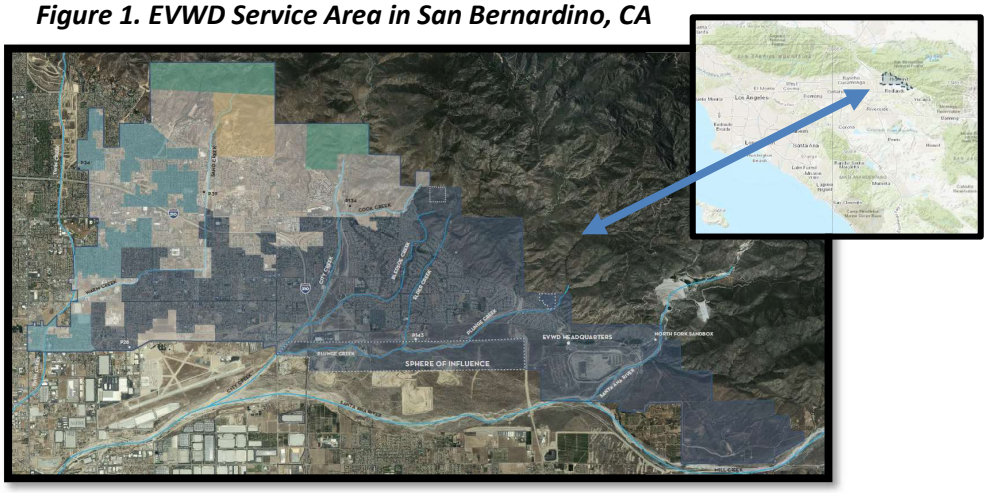
Federal Facility: Within the geographic area to be addressed in the proposed DCP, there is a Reclamation correlation. EVWD is a member agency of the Santa Ana Watershed Project Authority (SAWPA), through San Bernardino Valley Municipal Water District (SBVMWD or Valley District). The Santa Ana Watershed Basin Study, a Reclamation project, was a collaborative effort between the Bureau of Reclamation (BOR) and SAWPA, to prepare for and deal with climate change effects. EVWD efforts to address drought and its impacts to resources such as the Santa Ana River, is a link to Reclamation. In addition, EVWD receives a portion of its water from Valley District, which obtains its water from the State Water Project, a BOR facility.

2. Project Location/Background Data

East Valley Water District is located in the foothills of the San Bernardino Mountains, 65 miles east of Los Angeles, and encompasses the Northeast section of the San Bernardino Valley in San Bernardino County, California. The District covers 30.1 square miles and serves approximately

103,200 people, 69.75% of whom live in disadvantaged communities. The District pumps, treats, and distributes water to its customers as well as maintains a wastewater collection system. EVWD serves the City of Highland, portions of the City and County of San Bernardino, Patton State Hospital, and the San Manuel Band of Mission Indians. The entire service area will be impacted by this Project. The District's elevation ranges from 1,100 to 1,900 feet with a service area that runs four miles deep and along the foothills. These elevations are significant to the District's water service and reservoir system. Figure 1 illustrates EVWD's service area.

Figure 1. EVWD Service Area in San Bernardino, CA



The District was originally formed in 1954 to provide domestic water service to the unincorporated and agricultural-based community of Highland. Later, as the population increased, residents voted to incorporate sewer services in addition to water. EVWD's service area is now predominately urban and serves a population of 103,200 over 30.1 square miles.

EVWD receives water from three resources: groundwater, surface water, and imported water. The vast majority (76%) of the water supply comes from the local groundwater wells located in the Bunker Hill Groundwater Basin (Basin). This water source consists of a large underground basin made of soil, sand, and gravel saturated by water. The Basin is located at the top of the Santa Ana River Watershed and is recharged by rain, runoff from the surrounding mountains, and imported water. Rainwater percolates down and is accessed using a series of 15 wells that pump water from different depths. Imported water accounts for 23% of the water supply, which is provided through Valley District. EVWD maximizes the flexibility of three water supply portfolio. Water from the State Water Project is typically imported from Northern California, so the preferred source is local water acquired from the Basin, or the Santa Ana River, which originates from snowmelt and springs in the San Bernardino Mountains and accounts for roughly 1% of the EVWD water supply. Currently, much of the Santa Ana River water received through the North Fork Water System is being used for groundwater replenishment through a coordinated effort of the Regional Groundwater Council. Recent years have seen an increased collaborative effort of regional agencies to support sustainable groundwater usage. Additionally, the District has invested in hydro-electric generation to take advantage of the pressurized State Water Project delivery system and significant investments in the Surface Water Treatment Plant 134.

As part of its responsibility to provide water service, EVWD manages the water supply and distribution through a system of pipelines, wells, reservoirs, pumping stations, and a treatment plant. Following is a summary of the water distribution system components:

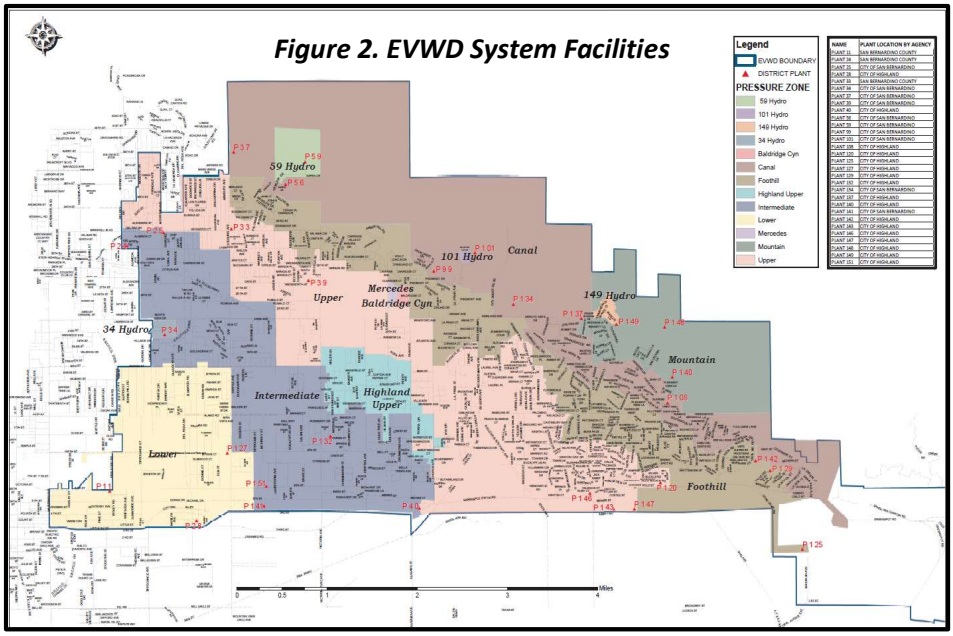
Table 1. EVWD Facility Types

Facility Type	Number
Storage Reservoirs	18
Booster Pump Stations	31
Groundwater Wells (active)	16
Groundwater Wells (inactive)	5
Imported Water Connection	1
Surface Water Connection	1
Pipeline (miles)	301
Pressure Reducing Stations	14
Surface Water Treatment Plant	1
Groundwater Treatment Plants	4
Hydrants	3,025
Valves	8,225

EVWD is divided into six main pressure zones located throughout the service area (Lower, Intermediate, Upper, Foothill, Canal, and Mountain Zones). All pressure zones are gravity-fed from storage reservoirs, through pressure reducing stations, or by hydropneumatics tanks. The Upper Zone is the largest, covering approximately 30% of the service area.

The East Valley Water System provides water to over 21,000 single family residential, multi-family residential, irrigation, commercial, fire service, and schools. Over the last 10 years, the average water production was 19,000 acre-feet per year, with an average daily demand of 17 MGD, and average annual consumption of 16,300 acre-feet per year.

Figure 2. EVWD System Facilities



3. Project Description

Task A: Develop Drought Contingency Plan. EVWD proposes to develop a Drought Contingency Plan (DCP or Plan) that meets the requirements of the United States Bureau of Reclamation's Drought Response Program Framework. EVWD will lead the effort, supported by an expert consultant to be hired via a competitive bid process. This effort will build upon the District's Water System Master Plan (2019), East Valley Water District American's Water Infrastructure Act (AWIA) Risk and Resilience Assessment (2020), and San Bernardino Valley Regional Urban Water Management Plan (2015). As part of the planning process, EVWD will explore the availability and quality of existing data and models to help develop the proposed Plan.

The 24-month project will be split into two phases. Phase I will include the establishment of a Drought Planning Task Force, the Development of a Detailed Work Plan, and Development of a Communication and Outreach Plan. This phase is anticipated to last 6 months. Phase II will commence upon review and approval of the detailed work plan by the Bureau of Reclamation. EVWD will then work closely with the hired consultant and stakeholders to develop the Drought Contingency Plan. This stage will be completed in 18 months.

PHASE I: Task Force and Detailed Work Plan (Months 1-6):

Task 1: Procure a Qualified and Experienced Consultant. Through a competitive procurement process, EVWD will procure the services of a qualified and experienced consultant to assist with completing and preparing deliverables for Phases I and II.

Task 2: Establish a Diverse Drought Planning Task Force. EVWD will be the lead in establishing a Drought Planning Task Force comprised of interested stakeholders within the planning area who wish to actively participate in the development of the Drought Contingency Plan. The Task Force will have diverse membership representing multiple interests in the planning area and will encourage collaboration and participation by interested stakeholders. The Task Force may be divided into working groups to better develop different aspects of the plan.

Task 3: Develop a Detailed Work Plan. EVWD, in consultation with its selected consultant, Drought Planning Task Force, and Bureau of Reclamation, will develop a Detailed Work Plan that will describe how the various DCP tasks will be accomplished. In addition, a detailed work schedule and budget, and the responsibilities of Reclamation, EVWD, the consultant, the Task Force, and other interested stakeholders will also be outlined. The Detailed Work Plan, together with a detailed Communication and Outreach Plan describing how stakeholders and the public will be involved in the planning process, will be submitted to Reclamation for review and acceptance. The Detailed Worked Plan will include the required four elements as indicated by the Bureau of Reclamation WaterSMART Drought Response Program Framework:

1. Introduction
2. Planning Approach
3. Documentation and Reporting
4. Communication and Outreach Plan

PHASE II: Plan Development (Months 7-24): All tasks in Phase II will be completed by EVWD, the selected consultant, and the Drought Planning Task Force.

Task 1: Drought Monitoring *(required element).* The Plan will establish a process for monitoring near and long-term water availability, and a framework for predicting the probability of future droughts or confirming an existing drought. This element will include the process for collection, analysis, and dissemination of water availability and other drought-related data (e.g., precipitation, temperature, and streamflow levels, among other indicators). This data will be used to predict or confirm droughts including identifying metrics and triggers (e.g., reservoir level reached at a specific reservoir and use of specific drought indices) that will be used to define states of drought and to trigger response actions and to define the different stages or levels of severity of drought.

Task 2: Vulnerability Assessment *(required element).* The Plan will include a vulnerability assessment that evaluates the risks to various resources and impacts of drought. The assessment will be based on the risks to critical resources within the planning area and the factors contributing to those risks. A thorough review of past drought impacts, and analysis of historical water supply and use will be completed. The assessment will be based on a range of future conditions, including uncertainties related to changing hydrologic conditions that may influence future water supply and demand. The assessment will provide data to drive the development of potential mitigation and response actions.

Task 3: Mitigation Actions *(required element).* The Plan will identify, evaluate, and prioritize mitigation actions and activities that will build long-term resiliency to drought and mitigate risks posed by drought. Mitigation measures will be actions, programs, and strategies implemented before drought to address potential risks and impacts.

Task 4: Response Actions *(required element).* The Plan will identify, evaluate, and prioritize response actions and activities that can be implemented during a drought to mitigate the impacts. These actions will be triggered during specific stages of drought to manage the limited supply and decrease the severity of immediate impacts.

Task 5: Operational and Administrative Framework *(required element).* The Plan will develop an operational and administrative framework identifying responsible parties for undertaking the actions necessary to implement each element of the DCP, including communicating with the public about such actions. This element will include roles, responsibilities, and procedures necessary to: conduct drought monitoring, initiate mitigation actions, initiate response actions including emergency response actions, plan development, and plan update process.

Task 6: Plan Development and Update Process *(required element).* The Plan will describe the process that was undertaken to develop the plan, including how stakeholders were engaged

and how input was considered. The Drought Contingency Plan will also include a process and schedule for monitoring, evaluating, and updating the Drought Contingency Plan.

4. Evaluation Criteria

E.1.1 Evaluation Criterion A: Need for a Drought Contingency Plan or Plan Update.

Describe the severity of the risks to water supplies that will be addressed in the Drought Contingency Plan. EVWD's need for a Drought Contingency Plan is vast. The District faces numerous challenges stemming from climatic and hydrologic changes, imported water flow restrictions, and ensuring long-term sustainability of water supply to the region. EVWD's local groundwater and imported resources are constrained, with the Bunker Hill Groundwater Basin (Basin) being well below full water storage and State Water Project water allocated to just 10%. The Basin, at full capacity, can store approximately 5 million acre-feet of water; however, according to the San Bernardino Valley Water Conservation District 2020 Engineering Investigation of Bunker Hill Basin, the Basin is short of full storage by over 418,000 acre-feet. Not only does the Basin provide water to EVWD consumers, but also districts serving Redlands, Colton, Loma Linda, Riverside, San Bernardino, Yucaipa, and Rialto.

Figure 3. Santa Ana Recharge Basin

Santa Ana Recharge Basin in 2014 with dry ground due to low water in the Seven Oaks Dam, San Bernardino CA.
Photo Credit: Rachel Luna / San Bernardino Sun. 2014. As the California drought enters its fourth year, are we doing enough to conserve water? – San Gabriel Valley Tribune (sgvtribune.com)

Public Health and Social Concerns: A portion of the EVWD service area lies along the foothills of the San Bernardino National Forest and provides water to the San Manuel Band of Mission Indians. According to the USDA Forest Service, "The San Bernardino National Forest is historically one of the most wildfire prone forests in the county. The area's arid climate, highly flammable vegetation, steep slopes, and seasonal 'Santa Ana' winds can enhance fires sparked by lightning, careless behavior, accidents, or the deliberate actions of humans."[1] Further, the San Bernardino County Vulnerability Assessment indicates that due to climate change, more frequent drought in the region will occur and will lead to an increase in wildfire risk, especially in the Mountain region. As such, those with medical conditions are vulnerable to smoke inhalation impacts in a region that already has some of the worst air quality ratings in the country, receiving a grade of 'F' as per the American Lung Association State of the Air.

[1] United States Department of Agriculture Forest Service, San Bernardino National Forest, Fire Management. https://www.fs.usda.gov/main/sbnf/fire

Drought conditions bring concerns about drinking water availability and quality and its effects on customers and resident's health and well-being. Due to increased quantities of occurrence of organic matter during droughts, additional treatment processes have historically been needed prior to delivery through the water distribution system to the community. To alleviate some community concerns, EVWD does have a 6-month per year guaranteed water supply agreement with Bear Valley Mutual Water Company, which reduces vulnerability to water shortages, especially during summer months. Secondly, once the EVWD Sterling Natural Resource Center (SNRC), a recharge effort to the Bunker Hill Groundwater Basin, comes online, recycled water will assist in mitigating water supply shortages through groundwater replenishment activities.

Environmental Concerns: Water shortage can have significant impacts to wildlife and the environment. Plants and animals can experience dehydration and loss of habitat and dry conditions can also allow other natural disasters such as soil hardening that can worsen flash flooding, and dehydrated vegetation that can become fuel for wildfires. One such species in this area is the San Bernardino Kangaroo Rat, found in soils adjoining rivers, including the Santa Ana River, and streams within San Bernardino County, is federally listed as endangered. Due to its preference to live along water, drought can have a severe impact to this species.

Economic Losses: According to the EVWD Water System Master Plan (WSMP) (2019), groundwater supply has decreased significantly over the past several years, due in part to decreasing groundwater levels. The 2019 WSMP indicates that since the 2014 WSMP, there have been major changes to water demand within EVWD's service area, due to factors such as economic downturn, prolonged drought in Southern California, and anticipated development. A 37% population increase is expected by the year 2040, which represents an increase in both water supply and demand. Projections indicate an additional 5,000 acre-feet per year will be in demand by 2040. Much of EVWD's service area is comprised of disadvantaged communities. In low-income households, years in which drought are experienced can lead to spending a larger amount of income on water service, which impacts those individuals' earnings. In addition, drought can lead to costly damages for agricultural industries. Furthermore, during a drought, groundwater pumps may be damaged or additional maintenance may be required due to lack of usage. This would be an unexpected cost to EVWD and likely the impacted water recipients. According to the National Drought Mitigation Center (NDMC), FEMA estimates that drought mitigation efforts save $4 for every $1 spent. Therefore, the development of the Drought Contingency Plan can potentially save EVWD significant money by proactively approaching drought, rather than waiting until after-the-fact impacts.

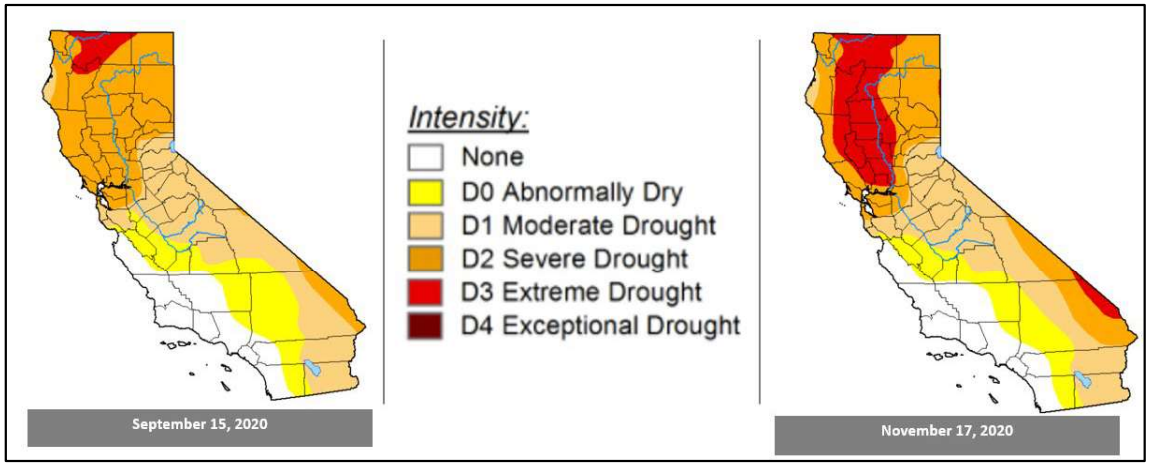
Risks to Tribes: The San Manuel Band of Mission Indians is a federally recognized American Indian tribe that receives all of its water from EVWD. The Reservation was established in 1891 in the foothills of the San Bernardino Mountain region and encompasses nearly 900 acres. The San Manuel Band of Mission Indians is a vital community in the Inland Empire, providing over

4,000 jobs through several business ventures including the San Manuel Casino. As such, water supply is critical for the tribe to meet the needs of its residents, businesses, and fire protection.

Describe existing or potential drought conditions to be addressed in the Drought Contingency Plan. As a whole, Southern California is highly susceptible to drought conditions that decrease water sources. The region in which EVWD resides and provides services to customers regularly experiences drought. The climate, which is a primary factor in water demand, is typically hot with dry mild summers, and wet winters. As noted in the EVWD Risk and Resilience Assessment (2020), the longer a drought continues, the more EVWD may drawdown its groundwater resources, which have already experienced a significant decrease since the 1980s. Groundwater levels vary depending on several factors such as precipitation and drought.

In addition, during the last drought experience by EVWD, the water available from the State Water Project was reduced. Snowpack plays a critical role in water supply to this region. During early 2020, the State Water Project, which delivers water to Southern California from the Sierra Nevada Mountains, was required to decrease its typical allocation of 30% down to just 15%. This was due to impacts from an extremely dry winter, reducing the amount of snowpack that typically feeds the water supply. It was not until May of 2020 that this allocation was increased up to 20% - still short of the typical allocation. To date, this allocation has remained at just 20% and will be decreased to 10% for 2021. This year's snowpack was the 11th driest on record since 1950, with precipitation being the 7th driest on record since 1977[2]. It is projected that snowpack in the Sierra Nevada will decrease by as much as 40% by 2050.[3] Most recent data collected from the United States Drought Monitor (Figure 4 below) illustrates that over the past two months, this region has progressively been moving in a negative direction with regards to drought.

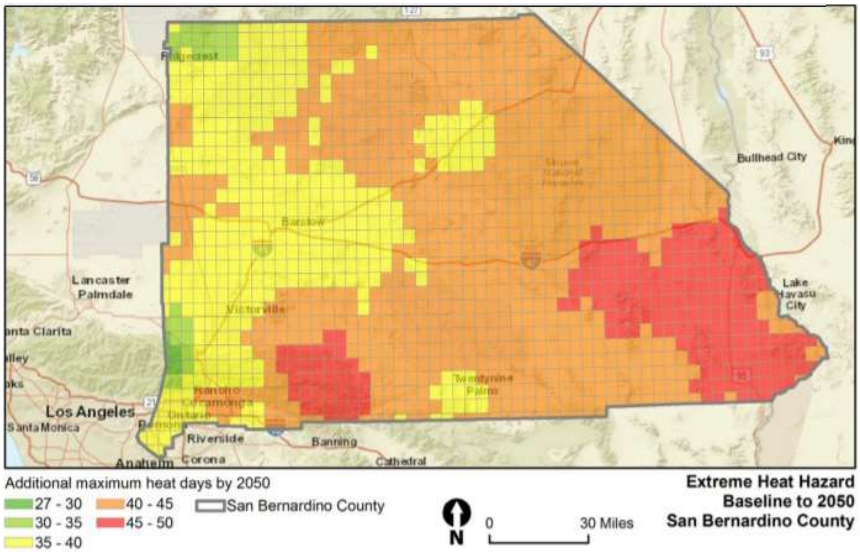
Figure 4. United States Drought Monitor for California, Fall 2020



[2] State Water Project Allocation Increases to 20 percent. Lake County News Reports. May 22, 2020. https://www.lakeconews.com/news/65464-state-water-project-allocation-increases-to-20-percent
[3] Sierra Climate Change Toolkit, 3rd Edition, Sierra Nevada Alliance. https://www.waterboards.ca.gov/lahontan/water_issues/programs/climate_change_adaptation/docs/sna_cc.pdf

Climatic changes to this area put drought risks at an even higher threshold. San Bernardino County, has experienced an increase in intense heat, making it more vulnerable to drought conditions. According to the San Bernardino County Vulnerability Assessment, all areas in the county are projected to experience at least 27 additional extreme heat days by 2050, with parts of the mountainous region experiencing up to 50 additional extreme heat days.

Figure 5. Map of Extreme Heat Hazard through 2050.
Source: San Bernardino Vulnerability Assessment



Describe the status of any existing planning efforts. The development of this DCP will be the first for the EVWD. District staff are committed to and have an active role in drought response. The District has expanded the conservation program to include a full-time conservation coordinator. In addition, EVWD actively participates in planning efforts that will complement the Drought Contingency Plan development.

East Valley Water District America's Water Infrastructure Act (AWIA) Risk and Resilience Assessment (2020): EVWD is concerned about severe, extreme, and exceptional droughts that impact the District's ability to meet its MGD water supply mission criteria. As such, this assessment was created to assist EVWD in evaluating conditions that may impact the District and will be of assistance in incorporating information into the required element of the drought contingency plan: conducting a vulnerability assessment.

East Valley Water District Water System Master Plan (2019): This plan was created to evaluate existing, near-term, and build-out conditions for the EVWD service area and to address existing deficiencies and facility requirements to meet increasing demand over the next 20 years.

San Bernardino Valley Regional Urban Water Management Plan (2015): As a retail agency of San Bernardino Valley Municipal Water District (SBVMWD), EVWD is a participating agency included in their UWMP. As such, EVWD has adopted the Upper Santa Ana River Watershed Integrated Regional Water Management Plan, which includes strategies to overcome water shortages during emergencies such as drought.

E.1.2. Evaluation Criterion B: Inclusion of Stakeholders

Describe the stakeholders to be involved in the planning process.

Committed and Supportive Stakeholders: Due to the nature of its services, EVWD plays a vital role in the communities that it serves and, as such, works closely with numerous individuals and groups to continue to provide high quality water resources. Upon consideration of developing a Drought Contingency Plan, EVWD reached out to several entities to obtain their interest in being a part of the Drought Contingency Task Force and development of the Detailed Work Plan and ultimate Drought Contingency Plan. The following listed below have indicated their interest and have provided letters of support. These entities will likely be invited to participate in the Task Force. The group is diverse, representing interests in school districts, local governments, tribal, and other water resource entities.

- ***East Valley Water District.*** EVWD is the project applicant. EVWD staff will serve as the planning lead, establishing the Task Force and ensuring a diverse representation, as well as the hiring of an expert consultant to assist with the development of the Drought Contingency Plan. EVWD will lead the Task Force while following our mission statement of "providing customers with safe and reliable water supply".
- ***San Bernardino Valley Municipal Water District.*** SBVMWD is a critical stakeholder as they are the wholesale water supplier for EVWD. Valley District is a regional agency that is responsible for long-range water supply management for the San Bernardino Valley. Valley District receives water via the State Water Project and transports water 17 miles eastward to points in the San Bernardino basin, serving a population of about 698,000. California's current water management system is not able to manage the known severe arid conditions without major consequences to communities. Reliable water supply is critical to creating a resilient future. Valley District strives to work with its retail water providers, including EVWD, to make water wise decisions. SBVMWD is specifically interested in improving water efficiency and identifying mitigation and response actions to build resiliency to drought.
- ***Santa Ana Watershed Project Authority.*** SAWPA is the Regional Water Management group for the Santa Ana River Watershed and is a joint power authority composed of five member agencies, including SBVMWD, the wholesale water supplier for EVWD. SAWPA's mission is to protect the Santa Ana River basin water resources and focus on addressing water resource issues including water supply reliability and supporting the development of integrated water resource planning. SAWPA supports EVWD's efforts to establish a DCP to achieve water use efficiency, increase water reliability, and improve water management with the assistance of the Task Force.
- ***City of Highland.*** The City of Highland is an urban municipality with a population of approximately 53,000. The City, its residents, and businesses receive all its water from EVWD transmitted from wells, reservoirs, and pumping stations through a system of pipelines. Highland's water supply is critical to meeting the needs of residents, businesses, and fire protection with long-term water availability and quality of concern. The Drought Contingency Plan will help both the customers and the District to manage water demand more effectively through increased efficiency and conservation.

- ***City of San Bernardino.*** The City of San Bernardino is the largest city in the County of San Bernardino, California, with a population of over 213,000. EVWD provides water and wastewater services to portions of the City. The City is concerned about water conservation and providing reliable drinking water to its residents and businesses. They are committed to working with EVWD to secure a plentiful water supply for the future.
- ***San Manuel Band of Mission Indians.*** The San Manuel Band of Mission Indians is a federally recognized American Indian tribe located in San Bernardino County, California. The Reservation encompasses nearly 900 acres. EVWD supplies the Band of Mission Indians with all of its water and is critical to meeting the needs of residents, businesses, and fire protection. The Band of Mission Indians provides over 4,000 jobs through business ventures including the San Manuel Casino. As such, the Band is dedicated in helping achieve long-term availability and quality of water for the Reservation.
- ***San Bernardino City Unified School District.*** The San Bernardino City Unified School District is the eighth largest district in California and serves approximately 50,000 students. The District is composed of 50 elementary, 11 middle, 8 high, and 1 adult school. EVWD and the San Bernardino City Unified School District have collaborated in efforts to educate youth through the Water and Resource Management Career Pathway where students can receive job training skills to prepare for a career in the water and wastewater industries. The District supports EVWD in its efforts to educate youth on drought and ending drought vulnerability to ensure a livable future for the community.

Additional Stakeholder Involvement: EVWD consistently works to include the public and educate them on our programs and efforts including water resources. The District currently works with a five-member Community Advisory Commission as part of efforts to garner input from residents. This group of customers volunteers their time to learn about District project and programs, while also providing feedback to facilitate effective implementation. The Drought Contingency Plan development will be no different and will include outreach to stakeholders and collaboration with groups and partners. Members of the public will be encouraged to attend meetings to provide input for the plan. Effective communication through handouts, flyers, new releases, and social media/website postings will be utilized to capture public input throughout the development of the plan.

E.1.3. Evaluation Criterion C— Project Implementation

Describe the approach for addressing the six required elements of a Drought Contingency Plan within the two-year timeframe. EVWD will address each of the six required elements of the Drought Contingency Plan through a two-phase approach: 1) by establishment of a Task Force and development of a Detailed Work Plan (inclusive of communication and outreach plan) and; 2) by contracting the services of an experienced drought planning Consultant to develop the plan. EVWD staff, the Task Force and Drought Consultant will work together to address the required tasks set forth in the Technical Proposal. EVWD anticipates that the entire process will be complete within 24 months.

Preliminary Project Schedule: Table 2 represents a proposed timeline of tasks and completion dates. If selected for funding, a finalized detailed project schedule, broken down by tasks and subtasks, will be prepared.

Table 2. Project Schedule

		YEAR 1												YEAR 2											
Task Number	Task Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
PHASE I																									
Task 1	Procure a Qualified and Experienced Consultant																								
Task 2	Establish a Diverse Drought Planning Task Force																								
Task 3	Develop a Detailed Work Plan																								
PHASE II																									
Task 1	Develop a Drought Monitoring Process																								
Task 2	Conduct a Vulnerability Assessment																								
Task 3	Identify/Evaluate/Prioritize Mitigation Actions																								
Task 4	Identify/Evaluate/Prioritize Response Actions																								
Task 5	Develop an Operational and Administrative Framework																								
Task 6	Prepare a Description of the Plan Development and Process for Updating the Plan																								

Drought Monitoring: The DCP will establish a process for monitoring near and long-term water availability and a framework for predicting the probability of future droughts or confirming an existing drought. Reviewing available drought resources such as the US Drought Portal, United States Drought Monitor, National Oceanic and Atmospheric Administration (NOAA), and the National Drought Mitigation Center (NDMC), will assist EVWD in its development of the Drought Monitoring Process. The development of the Drought Monitoring Process will begin during the first month of Phase II and will continue for approximately 8 months.

Vulnerability Assessment: The DCP will include a vulnerability assessment evaluating the risks and impacts of drought. Reviewing past impacts will help EVWD to understand its vulnerability to drought. The assessment will drive the development of potential mitigation and response actions and will be based on a range of future conditions, including uncertainties related to changing hydrologic conditions. The Vulnerability Assessment will begin during month 2 of Phase II and continue for approximately 10 months.

Mitigation Actions: The DCP will identify, evaluate, and prioritize mitigation actions and activities that will build long-term resiliency to drought and will mitigate the risks posed by drought. EVWD will examine and utilize relevant proven approaches developed from resources such as FEMA and the NDMC. The identification/evaluation/and prioritization of Mitigation Actions will begin during month 2 of Phase II and continue for approximately 10 months.

Response Actions: The DCP will identify, evaluate, and prioritize response actions and activities that can be implemented during a drought to mitigate the impacts. EVWD will examine and utilize relevant proven approaches developed from resources such as FEMA and the NDMC. The identification/evaluation/and prioritization of Response Actions will begin during month 2 of Phase II and continue for approximately 10 months.

Operational and Administrative Framework: The DCP will identify who is responsible for undertaking the actions necessary to implement each element of the DCP, including communicating with the public about those actions. The Development of the Operational and Administrative Framework will take approximately 2 months to prepare and will occur during Phase II, likely during months 13 and 14.

Plan Development and Update Process: The DCP will describe the process that was undertaken to develop the Plan, including how stakeholders were engaged and how input was considered. In addition, the DCP will also include a process and schedule for monitoring, evaluating, and updating the Plan. This will be the final component of the DCP and will take approximately 9 months to complete.

Existing Data and Models Applicable to the Proposed Plan. EVWD will utilize numerous models and existing data to support the Plan. EVWD will examine data and models from resources such as US Drought Monitor, NDMC, NOAA, U.S. Drought Portal, San Bernardino Valley Regional Urban Water Management Plan (2015), EVWD Water System Master Plan (2019), Climate Change Analysis for the Santa Ana River Watershed, Department of Water Resources (DWR) California Water Plan, Santa Ana Watershed Project Authority Integrated Regional Water Management Plan (IRWMP), and Upper Santa Ana River Watershed IRWMP (2015). In addition, EVWD will analyze the California DCP to ensure it addresses state-specific drought concerns.

Staff Expertise and Qualifications. EVWD has a highly experienced team of individuals who will lead the efforts of the Task Force and Consultant, developing the detailed work plan, and preparing the comprehensive Drought Contingency Plan. The following EVWD team members will work with the selected Consultant to lead the project.

- **Project Manager:** Janett Robledo, Conservation Coordinator. Janett has a Bachelor's degree from California State University, San Bernardino. For over 7 years, she has overseen the District's Water Use Efficiency Program which has included program development, regulatory compliance, data analysis, and community engagement. She specializes in cutting edge water use efficiency planning.
- **Assistant Project Manager:** Cecilia Contreras, Public Affairs Coordinator. Cecilia oversees the District's Emergency Preparedness Program and assists with project coordination. With over 13 years of experience with the District, Cecilia has overseen complex community engagement projects and task management.
- **Senior Engineer:** Rocky Welborn, P.E. Rocky obtained his Bachelor's degree in Civil Engineering and a Master's in Engineering Management from California State Polytechnic University, Pomona. He is a registered Professional Civil Engineer, Board Certified Environmental Engineer, Project Management Professional, and a Grade 5 wastewater treatment operator. His roles and responsibilities with the District include developer coordination, inter-agency coordination, management of District Capital Improvement Projects and long-term District project planning.

- **Director of Strategic Services**: Kelly Malloy. Kelly has a Master's degree in Public Administration from the University of South Dakota. She has nearly 20 years of experience in strategic planning, project management, drought response, and community engagement.

E.1.4 Evaluation Criterion D: Nexus to Reclamation

As previously mentioned, EVWD receives a portion of its water from Valley District, which obtains its water from the State Water Project, a Bureau of Reclamation facility. In addition, EVWD is a member agency of the SAWPA, through Valley District. The Santa Ana Watershed Basin Study, a Reclamation project, was a collaborative effort between BOR and SAWPA, in which several tools were developed to help SAWPA and its member agencies prepare adaptation strategies to deal with the effects of climate change. The purpose of the Study was to incorporate climate change into the region's water projection and identify potential adaptation strategies for dealing with drought conditions. EVWD efforts to address drought and its impacts to resources such as the Santa Ana River, is a nexus to Reclamation.

E.1.5. Evaluation Criterion E: Department of the Interior and Bureau of Reclamation Priorities

The proposed project supports both the Department of the Interior and Bureau of Reclamation Priorities in several ways.

Department of the Interior Priorities. The Drought Contingency Plan will support DOI priorities by the following:

1) *Creating a conservation stewardship legacy second only to Teddy Roosevelt.*
   a. *Utilize science to identify best practices to manage land and water resources and adapt to changes in the environment.* EVWD will hire an expert Consultant who will be relied on heavily for his/her drought knowledge and innovative practices. Scientific data from organizations such as the US Drought Portal, United States Drought Monitor, National Oceanic and Atmospheric Administration (NOAA), and the National Drought Mitigation Center (NDMC), will assist EVWD in identifying best practices to manage water resources and adapt to changes in the environment, to better address drought and its impacts.
2) *Restoring trust with local communities.*
   a. *Be a better neighbor with those closest to our resources by improving dialogue and relationships with persons and entities bordering our lands.* EVWD has received immense support for this project, as indicated by the identified stakeholders. Several of these entities will serve as members of the Task Force, and others will provide critical input toward development of the plan. This project will bring together "neighbors" from a diverse background, to ensure that EVWD develops a Drought Contingency that captures interests from a variety of thoughts. In addition, as part of this project, a robust Communications and Outreach Plan will be developed, where effective communication through handouts, flyers, new releases, and social media/website postings will be utilized to capture public input throughout the development of the plan.

b. *Expand the lines of communications with governors, state natural resource offices, Fish and Wildlife offices, water authorities, county commissioners, tribes, and local communities.* This project will expand the lines of communication between EVWD and numerous other entities including water authorities, tribes, and the local communities. EVWD provides water to the San Manuel Band of Mission Indians, City of Highland, and portions of the City and County of San Bernardino, and communication between these parties will be critical in the development, execution, and updates of the Drought Contingency Plan. As vested entities in water resources, it is imperative that the lines of communication be expanded and strong relationships maintained to ensure the interests of all are captured and met with regards to water resources and drought contingency planning.

Bureau of Reclamation Priorities. The Drought Contingency Plan will support BOR priorities by the following:

1) *Leveraging Science and Technology to Improve Water Supply Reliability to Communities.* As identified in the DOI priorities above, EVWD will hire an expert Consultant who will be relied on heavily for his/her drought knowledge and innovative practices. Scientific data from organizations such as the US Drought Portal, United States Drought Monitor, National Oceanic and Atmospheric Administration (NOAA), and the National Drought Mitigation Center (NDMC), will assist EVWD in identifying best practices to manage water resources and adapt to changes in the environment, to better address drought and its impacts.
2) *Address Ongoing Drought.* The purpose of this project is to address drought through a proactive approach by preparing a plan to build long-term resiliency to drought. This process will enable EVWD to recognize drought in the early stages, analyze and address risks related to drought, understand the impacts of drought to the service area, and take action to protect from drought impacts. The Plan will include drought monitoring, vulnerability assessment, identifying mitigation and response actions, identifying an operational and administrative framework, and plan for future updates.

(End 15-page Technical Proposal)

SECTION 2. PROJECT BUDGET

1. Funding Plan and Letters of Commitment

A. Funding Plan. East Valley Water District will provide all non-Federal cost share through District resources. Total Phase I non-Federal cost share is $33,177 or 50% of the total Phase I request. All non-Federal funds will be provided through the District's Water Fund. No other funding sources will be used. No project costs have been incurred or anticipated to be incurred prior to the award of the agreement.

B. Letters of Commitment. Not Applicable. There are no third-party funding sources for the proposed project.

2. Budget Proposal

Table 3: Total Project Cost Table (Phase I and II)

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal funding	$200,000
Costs to be paid by the applicant	$200,000
Value of third-party contributions	$0
Totals	**$400,000**

Table 4: Summary of Non-Federal and Federal Funding Sources (Phase I and II)

FUNDING SOURCES	AMOUNT
Non-Federal Entities	
1. East Valley Water District Water Fund	$200,000
Non-Federal Subtotal	$200,000
REQUESTED RECLAMATION FUNDING	**$200,000**

Table 5: Budget Proposal (Phase I only)

Budget Item Description	Computation		Quantity Type	EVWD Funding	Reclamation Funding	Total Cost
	$/Unit	Quantity				
Salaries and Wages						
Project Manager	$49.00	130	Hours	$3,185.00	$3,185.00	**$6,370.00**
Assistant Project Manager	$46.00	100	Hours	$2,300.00	$2,300.00	**$4,600.00**
Senior Engineer	$64.00	75	Hours	$2,400.00	$2,400.00	**$4,800.00**
Director of Strategic Services	$84.00	50	Hours	$2,100.00	$2,100.00	**$4,200.00**
Fringe Benefits						
Project Manager	$6,370.00	57	Percent	$1,815.50	$1,815.50	**$3,631.00**
Assistant Project Manager	$4,600.00	57	Percent	$1,311.00	$1,311.00	**$2,622.00**
Senior Engineer	$4,800.00	57	Percent	$1,368.00	$1,368.00	**$2,736.00**
Director of Strategic Services	$4,200.00	57	Percent	$1,197.00	$1,197.00	**$2,394.00**

Travel						
Not Applicable						**$0**
Supplies and Materials						
Not Applicable						**$0**
Contractual/Construction						
Consultant (assumes $175/hour x 200 hours = 10 hours/week for 5 months)	$175.00	200	Hours	$17,500.00	$17,500.00	**$35,000.00**
Third-Party Contributions						
Not Applicable						**$0**
Other						
Not Applicable						**$0**
TOTAL DIRECT COSTS						
Indirect Costs						
Not Applicable						**$0**
TOTAL ESTIMATED PROJECT COSTS (Phase I Only)						**$66,353.00**

3. Budget Narrative

Salaries and Wages. The following key EVWD personnel will assist with Phase I of the project and salary costs are anticipated to be $19,970.

1) **Project Manager:** It is estimated that the Project Manager, Janett Robledo, will spend approximately 130 hours on Phase I of this project (months 1-6). She will be responsible for procurement and oversight of the qualified expert consultant, management of other key EVWD staff, coordination and management of the Task Force, oversight of compliance and reporting requirements to include SF-425 Financial Reports, Interim Performance Reports, and Final Performance Report. Estimated cost: $49 per hour x 130 hours = $6,370.
2) **Assistant Project Manager (APM):** The APM will spend approximately 100 hours on Phase I of this project (months 1-6). The APM will assist the Project Manager with all tasks outlined above. Estimated cost: $46 per hour x 100 hours = $4,600.
3) **Senior Engineer:** It is estimated that the Senior Engineer will spend 75 hours of his time on Phase I of this project (months 1-6). He will be responsible for all analyses and management activities associated with tasks required to accomplish the planning grant. Estimated cost: $64 per hour x 75 hours = $4,800.
4) **Director of Strategic Services:** The Director of Strategic Services will assist with the selection of the Task Force and development of the Communication and Outreach Plan within the Detailed Work Plan. It is estimated that the Director of Strategic Services will spend 50 hours on Phase I (months 1-6). Estimated cost: $84 per hour x 50 hours = $4,200.

Fringe Benefits

Fringe benefits for Project staff identified above are estimated at 57 percent of salary, for a total of $11,383. This rate is fixed. Fringe benefits include retirement, vacation, sick leave, health and life insurance, disability, workman's comp, etc. Fringe benefits for each key EVWD personnel are as follows:

1) Project Manager: Phase 1 salary $6,370 x 57% = $3,631
2) Assistant Project Manager: Phase 1 salary $4,600 x 57% = $2,622
3) Senior Engineer: Phase 1 salary $4,800 x 57% = $2,736
4) Director of Strategic Services: Phase 1 salary $4,200 x 57% = $2,394

Travel

Not Applicable. There are no anticipated travel costs in this budget estimate.

Equipment

Not Applicable. There are no anticipated equipment costs included this budget estimate.

Materials and Supplies

Not Applicable. There are no anticipated material and supplies costs included this budget estimate.

Contractual

After completion of a competitive procurement, EVWD will contract with a qualified drought consultant to be a team member of the Task Force and assist with the development of the Detailed Work Plan. Estimated cost for Phase I (based on EVWD inquiries): $175 per hour x 200 hours = $35,000.

Third-Party In-Kind Contributions

Not Applicable. There are no anticipated third-party in-kind contribution costs included this budget estimate.

Other

Not Applicable. There are no other anticipated costs included this budget estimate.

Indirect Costs

Not Applicable. There are no indirect costs included this budget estimate.

Total Costs

The total Phase I cost, including Federal and non-Federal cost-share amounts, is estimated to be $66,353.

SECTION 3. REQUIRED PERMITS OR APPROVALS

Not Applicable.

SECTION 4. EXISTING DROUGHT CONTINGENCY PLAN

Not Applicable.

SECTION 5. LETTERS OF PROJECT SUPPORT

The following entities have provided letters of support for this project. Their letters are attached to this application as Appendix A.

1. San Bernardino Valley Municipal Water District
2. City of Highland
3. City of San Bernardino
4. Santa Ana Watershed Project Authority
5. San Manuel Band of Mission Indians
6. San Bernardino Unified School District

SECTION 6. OFFICIAL RESOLUTION

The East Valley Water District Board of Directors approved a resolution at their November 25, 2020 meeting. A copy of such official resolution is attached to this application as Appendix B.

SECTION 7. COST-SHARE REDUCTION or WAIVER

Not Applicable.

APPENDIX A
LETTERS OF PROJECT SUPPORT

SAN BERNARDINO Valley MUNICIPAL WATER DISTRICT

380 East Vanderbilt Way
San Bernardino, CA 92408
phone: 909.387.9200
fax: 909.387.9247
www.sbvmwd.com

December 9, 2020 *via email*

Mr. Darion Mayhorn, Reclamation Drought Coordinator
Bureau of Reclamation
Water Resources and Planning Office
Mail Code: 86-69200
PO Box 25007
Denver, CO 80225

RE: Letter of Support for East Valley Water District's WaterSMART Drought Contingency Planning Grant Application

Dear Mr. Mayhorn:

The San Bernardino Valley Municipal Water District (Valley District) is pleased to provide this letter of support for East Valley Water District's (EVWD) application to the Bureau of Reclamation's WaterSMART Drought Contingency Planning Program. EVWD's proposal will assemble a task force to develop a comprehensive drought contingency plan that considers impacts to local water supplies and infrastructure, and build resiliency to drought, while supporting the Bureau of Reclamation's Drought Response Program Framework.

Valley District is the regional water provider in the San Bernardino Valley, responsible for long-range water supply management. Valley District receives water via the State Water Project as well as relies on local rainfall as a source of supply. That supply is then transported 17 miles eastward to points in the San Bernardino basin, serving a population of about 700,000. Valley District is the wholesale water supplier for EVWD.

Reliable water supply is critical to creating a resilient future and California's current water management system is not able to handle the severe arid conditions without major consequences to our communities. Valley District strives to work with its retail water providers, including EVWD, to make wise decisions about water management planning.

The Drought Contingency Plan proposed by EVWD is a proactive approach to building long-term resiliency to drought. Therefore, we enthusiastically support EVWD as it moves forward with this project, one that will contribute to improving water efficiency and identify mitigation and response actions to build drought resiliency within our region.

Thank you for your consideration of this vital project. Please accept this letter as indication of full partnership, task force participation, and support of the San Bernardino Valley Municipal Water District.

Sincerely,

Heather Dyer
CEO/General Manager

City of HIGHLAND Inc. 1987

December 10, 2020

Mr. Darion Mayhorn, Reclamation Drought Coordinator
Bureau of Reclamation
Water Resources and Planning Office
Mail Code: 86-69200
PO Box 25007
Denver, CO 80225

RE: Letter of Support for East Valley Water District's WaterSMART Drought Contingency Planning Grant Application

Dear Mr. Mayhorn:

On behalf of the City of Highland, I am pleased to be providing this letter of support for East Valley Water District's (EVWD) application to the Bureau of Reclamation's WaterSMART Drought Contingency Planning Program. EVWD's proposal will assemble a task force to develop a comprehensive drought contingency plan that considers impacts to local water supplies and infrastructure, to build resiliency to drought, while supporting the Bureau of Reclamation's Drought Response Program Framework.

The City of Highland located in San Bernardino County, California, was once a predominantly agriculture area and is now an urban location with a population of approximately 55,000. The City, its residents and businesses, receives all its water from EVWD. EVWD provides water through three resources: groundwater, surface water, and State Water Project water. The water is transmitted to the City from wells, reservoirs, and pumping stations through a system of pipelines.

Highland's water supply is critical to meeting the needs of residents, businesses, and fire protection. However, the long-term availability and quality of water is of concern to our City. One of Highland's goals is to provide a water system that produces high quality water, sufficient water pressure and necessary quantities of water to meet domestic demands. This goal can be met by continuing to work with EVWD to provide efficient and adequate water supply to the Highland service area as well as promote water conservation and education programs. A flexible and user-friendly drought plan will help both the customers and the District to manage water demand more effectively through increased efficiency and conservation.

The City of Highland is fully supportive of EVWD's application for grant funding to help plan for drought contingency of water resources in the region and we are dedicated to participating as a major stakeholder in this project.

Sincerely,

Lawrence Mainez
Community Development Director

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

"Trusted, Quality Service since 1905"

December 14, 2020

Mr. Darion Mayhorn, Reclamation Drought Coordinator
Bureau of Reclamation
Water Resources and Planning Office
Mail Code: 86-69200
PO Box 25007
Denver, CO 80225

RE: Letter of Support for East Valley Water District's WaterSMART Drought Contingency Planning Grant Application

Dear Mr. Mayhorn:

The City of San Bernardino Municipal Water Department (SBMWD) is delighted to support East Valley Water District's (EVWD) grant application to develop a drought contingency plan. This effort will greatly help build resiliency to the negative effects of drought prone to our region.

SBMWD, which was established in 1905, is a semi-autonomous department of the City of San Bernardino. SBMWD provides water and wastewater services to most of the city and neighboring county areas, serving a population of approximately 215,000. EVWD provides water and wastewater services to portions of the City of San Bernardino. SBMWD has partnered with EVWD on many efforts to support water supply reliability and sustainability in the region, including recycled water and groundwater management initiatives. Providing reliable drinking water to our residents and businesses is critical and we are committed to working hand-in-hand with EVWD to secure a plentiful water supply for today as well as the future.

A flexible and user-friendly drought plan will help both the District and the region to manage water demand more effectively through increased efficiency and conservation. We share the concern for water conservation and look forward to supporting the District with its efforts to develop a useable drought contingency plan.

Sincerely,

Miguel J. Guerrero, P.E.
General Manager

December 9, 2020

Mr. Darion Mayhorn
Reclamation Drought Coordinator
Bureau of Reclamation
Water Resources and Planning Office
Mail Code: 86-69200
P.O. Box 25007
Denver, CO 80225

RE: Support Letter for East Valley Water District's WaterSMART Drought Contingency Planning Grant Application

Dear Mr. Mayhorn:

On behalf of the Santa Ana Watershed Project Authority (SAWPA), I am pleased to provide this letter in support of the proposal by East Valley Water District (EVWD) to the Bureau of Reclamation. The proposed project, the development of the East Valley Water District Drought Contingency Plan, will be designed to support the requirements of the Bureau of Reclamation's Drought Response Program Framework.

SAWPA is the Regional Water Management Group for the Santa Ana River Watershed's Integrated Regional Water Management Program and is a joint power authority composed of five member agencies, including the San Bernardino Valley Municipal Water District (SBVMWD). SBVMWD is a state water contractor and serves as the wholesale water supplier for EVWD. SAWPA's mission is to protect the Santa Ana River Watershed's water resources and we focus on addressing water resource issues including water supply reliability and supporting the development of integrated water resource planning. EVWD's proposal supports these efforts by establishing a plan to achieve water use efficiency, increase water reliability, and improve water management with the assistance of a designated Task Force, one that SAWPA is eager to be a part of.

The Drought Contingency Plan proposed by EVWD is a proactive approach to building long-term resiliency to drought. Therefore, we enthusiastically support the East Valley Water District as it moves forward with this project, one that will contribute to improving water efficiency and identifying mitigation and response actions to build resiliency to drought.

Thank you for your consideration of this vital project, and please accept this letter as indication of the full partnership and support by the Santa Ana Watershed Project Authority. We encourage you to give top consideration to this funding proposal.

If you have any questions, please do not hesitate to reach out to my staff Ian Achimore, SAWPA Senior Watershed Manager who is available at (951) 354-4233 and iachimore@sawpa.org.

Sincerely,

Richard E. Haller

Richard E. Haller, P.E.
General Manager

SAN MANUEL
BAND OF MISSION INDIANS

December 22, 2020

Mr. Darion Mayhorn, Reclamation Drought Coordinator
Bureau of Reclamation
Water Resources and Planning Office
Mail Code: 86-69200
PO Box 25007
Denver, CO 80225

RE: Letter of Support for East Valley Water District's WaterSMART Drought Contingency Planning Grant Application

Dear Mr. Mayhorn:

On behalf of the San Manuel Band of Mission Indians, I am pleased to be providing this letter of support for East Valley Water District's (EVWD) application to the Bureau of Reclamation's WaterSMART Drought Contingency Planning Program. EVWD's proposal will assemble a task force to develop a comprehensive drought contingency plan that considers impacts to local water supplies and infrastructure, to build resiliency to drought, while supporting the Bureau of Reclamation's Drought Response Program Framework.

The San Manuel Band of Mission Indians is a federally recognized American Indian tribe located in San Bernardino County, California. Our Reservation was established in 1891 in the foothills of the San Bernardino Mountain region and encompasses over 900 acres. The San Manuel Band of Mission Indians is a vital piece of the Inland Empire, providing over 4,000 jobs to those in the area through our business ventures including the San Manuel Casino. As such, it is critical that we have sufficient resources such as water. East Valley Water District supplies the San Manuel Band of Mission Indians with water.

Our water supply is critical to meeting the needs of residents, businesses, and fire protection. Accordingly, the long-term availability and quality of water is of concern to our Reservation. A flexible and user-friendly drought plan will help both the customers and the District to manage water demand more effectively through increased efficiency and conservation.

The San Manuel Band of Mission Indians is fully supportive of EVWD's application for grant funding to help plan for drought contingency of water resources in the region.

Sincerely,

Eric Ustation
Director of Local Intergovernmental Affairs

SAN BERNARDINO CITY
UNIFIED SCHOOL DISTRICT

Harold Vollkommer, Ed.D
Interim Superintendent

Mr. Darion Mayhorn, Reclamation Drought Coordinator
Bureau of Reclamation
Water Resources and Planning Office
Mail Code: 86-69200
PO Box 25007
Denver, CO 80225

RE: Letter of Support for East Valley Water District's WaterSMART Drought Contingency Planning Grant Application

Dear Mr. Mayhorn:

The San Bernardino City Unified School District supports East Valley Water District's (EVWD) grant application to the Bureau of Reclamation's WaterSMART Drought Contingency Planning Program. EVWD's proposal will assemble a task force to develop a comprehensive drought contingency plan that considers impacts to local water supplies and infrastructure, to build resiliency to drought, while supporting the Bureau of Reclamation's Drought Response Program Framework.

The San Bernardino City Unified School District is the eighth largest district in California and serves approximately 50,000 students. The District is composed of 50 elementary, 11 middle, 8 high schools, and 1 adult school. EVWD and the San Bernardino City Unified School District have already partnered in efforts to educate youth through the Water and Resource Management Career Pathway where students can receive job training skills to prepare for a career in the water and wastewater industries.

EVWD's efforts to develop a robust drought contingency plan will further expand on our collaboration to educate and prepare youth on the precious natural resource that is water. The plan will be inclusive of drought education through curriculum that our schools can utilize to educate youth about the importance of being good stewards of our natural resources.

The San Bernardino Unified School District is ready to participate in the planning process and fully supports EVWD's efforts.

Sincerely,

Harold J. Vollkommer, Ed.D
Interim Superintendent

APPENDIX B
OFFICIAL RESOLUTION

RESOLUTION NO. 2020.32

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST VALLEY WATER DISTRICT AUTHORIZING AND APPROVING 2021 BUREAU OF RECLAMATION WATERSMART DROUGHT RESPONSE PROGRAM: DROUGHT CONTINGENCY PLANNING

WHEREAS, the U.S. Bureau of Reclamation (USBR) released a Funding Opportunity Announcement (FOA) WaterSMART Drought Response Program: Drought Contingency Planning Grants for Fiscal Years 2020 and 2021;

WHEREAS, East Valley Water District (the "District") has the authority to construct, operate, and maintain the service area water distribution system; and

WHEREAS, the funding application requires the adoption of an authorizing resolution designating a representative of the District to sign and file a financial assistance application and all necessary documents related to a financing agreement with the United States Department of the Interior, Bureau of Reclamation; and

WHEREAS, the applicant, if selected, will enter into an agreement with the United States Department of the Interior, Bureau of Reclamation to carry out the Project.

BE IT RESOLVED by the Board of Directors of the District, as follows:

Section 1. The General Manager/CEO is hereby authorized and directed to sign and file, for and on behalf of the District, an application for a grant agreement from the United States Department of the Interior, Bureau of Reclamation for the development of a Drought Contingency Plan.

Section 2. The General Manager/CEO, or his designee, is designated to provide the assurances, certifications, and commitment required for the financial assistance application, including executing a financial assistance agreement with the United States Department of the Interior, Bureau of Reclamation and any amendments or changes thereto.

Section 3. Certifies that the District is capable of providing the funding and/or in-kind contributions specified in the grant application funding plan.

Section 4. Certifies that it has reviewed and supports the application to be submitted to the United States Department of the Interior, Bureau of Reclamation.

Section 5. Certifies that the District will work with the United States Department of the Interior, Bureau of Reclamation to meet established deadlines for entering into a grant or cooperative agreement, and

Section 6. The General Manager/CEO, or his designee, is designated to represent the District in carrying out the District's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the District and compliance with applicable state and federal laws.

PASSED, APPROVED and ADOPTED this 25th day of November 2020.

ROLL CALL:
Ayes: Directors: Carrillo, Coats, Goodrich, Morales, Smith
Noes: None
Abstain: None
Absent: None

David E. Smith
Board President

ATTEST:

John Mura
Secretary, Board of Directors

November 25, 2020

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution 2020.32 adopted by the Board of Directors of East Valley Water District at its Regular Meeting held November 25, 2020.

John Mura
Secretary, Board of Directors