

CAPITAL IMPROVEMENT PROGRAM QUARTERLY REPORT



The San Jacinto Pipeline Project should be complete in early 2023.

RANDY A. RECORD
VICE PRESIDENT
DIVISION 3

The City of Hemet, the City of San Jacinto, and the unincorporated areas of Valle Vista, Cactus Valley, Soboba Hot Springs, and Garner Valley.



Diamond Valley I Tank Rehab

PROJECT SUMMARY

The proposed project will include removal of existing interior recoating, recoating of the tank interior, removal of existing exterior coating, recoating of the tank exterior, replacement of existing stairs, and installation of perimeter safety railing. Project Location: 28555 State Street, Hemet, CA 92543.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2023
- Finish: Spring 2024

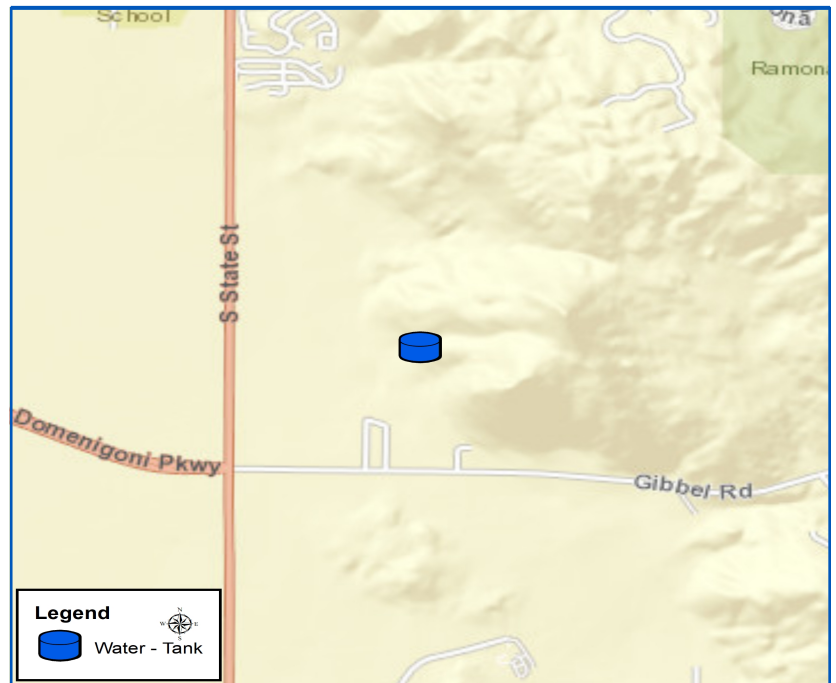
PROJECT BUDGET

- Estimated Total Project Budget: \$1,691,000
- Estimated Construction Budget: \$1,600,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

Water storage facilities allow EMWD to provide water supply reliability, maintain system pressurization and to provide emergency water storage in the event of unplanned outages.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

EM-25 Service Connection Flow Control and Chlorination Facility

PROJECT SUMMARY

This Specification 1383W consists of construction of a new turnout (EM-25) on Metropolitan Water District Inland Feeder Eastside Pipeline (Schedule B) and a new Flow Control and Chlorination Facility near Esplanade Avenue and Warren Road (Schedule A). These facilities will be designed to provide additional water supply of 42 CFS under Phase 1 and ultimately 100 CFS under Phase 2 to the San Jacinto Valley Recharge and Recovery Program. Note that original design costs and a portion of engineering services during construction were included under WO 413808.

CURRENT STATUS:

Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2021/2022
- Finish: Summer 2024

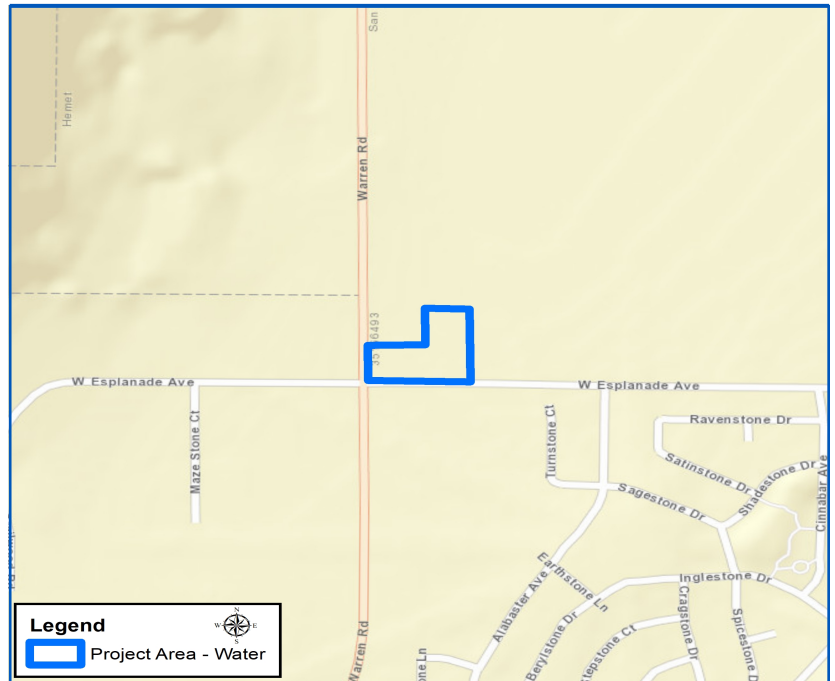
PROJECT BUDGET

- Estimated Total Project Budget: \$11,200,000
- Estimated Construction Budget: \$9,500,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD's water conveyance system is designed to provide reliability and redundancy to deliver high-quality water to homes and businesses with minimal interruptions and to promote public safety through the delivery of sufficient pressure and availability to support fire suppression services.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Hemet Water Filtration Plant Boll Filter Replacement

PROJECT SUMMARY

The existing water filters at Screen Building, Hemet Water Filtration Plant are starting to fail and leak. This project will replace existing water filters with two (2) new automatic self-cleaning Boll filters. New filters will be installed next to the existing filters. There are reserved spaces for the new filters and existing piping inlets and outlets for connecting to the underground water manifolds. Location: Hemet Water Filtration Plant, Hemet.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2023
- Finish: Fall 2024

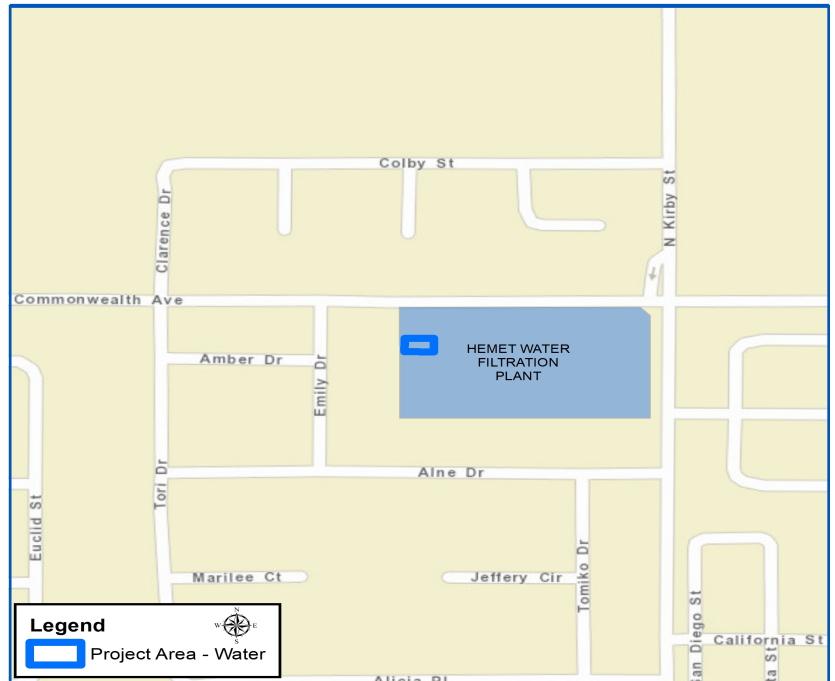
PROJECT BUDGET

- Estimated Total Project Budget: \$843,000
- Estimated Construction Budget: \$546,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD strives to ensure all supplies introduced into the distribution systems are of a water quality that protects the health and safety of the community and is in full compliance with all applicable Federal and State standards.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Mission Canyon I Pipeline Install

PROJECT SUMMARY

The transmission line to the tank has failed multiple times in the past years. Repairs are difficult to complete as the terrain is steep and rocky. The line also runs through a customer's yard. This project will install a pipeline from the tank along a different alignment. The existing line will be abandoned. This project is located at the Mission Canyon One Tank, 41635 Gibbel Road.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2023
- Finish: Winter 2023/2024

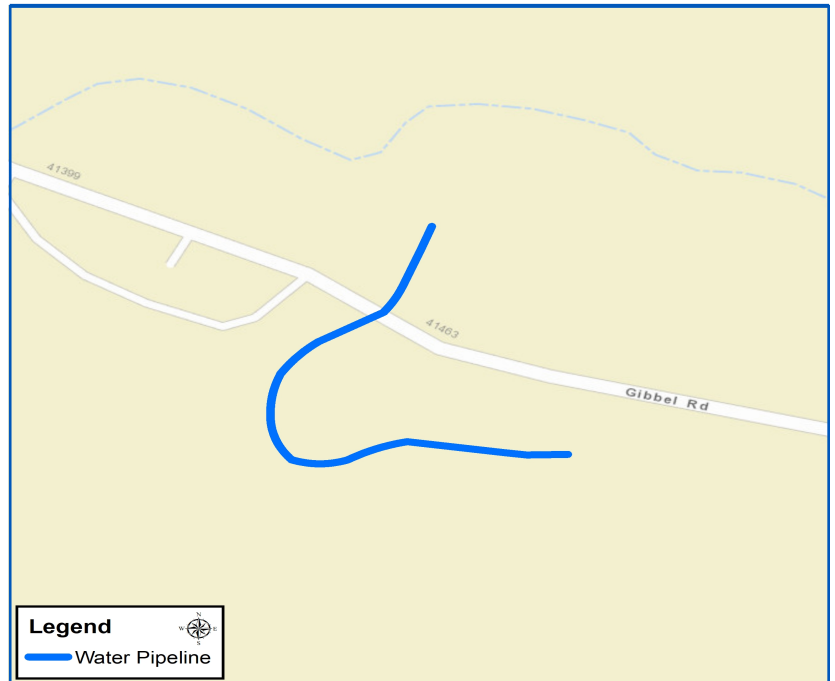
PROJECT BUDGET

- Estimated Total Project Budget: \$504,000
- Estimated Construction Budget: \$400,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD's water conveyance system is designed to provide reliability and redundancy to deliver high-quality water to homes and businesses with minimal interruptions and to promote public safety through the delivery of sufficient pressure and availability to support fire suppression services.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Mission Canyon II Pump Station Replacement

PROJECT SUMMARY

Replacement and relocation of existing Mission Canyon II Pump Station, and installation of approximately 3,200 feet of suction/discharge pipeline. Project Location: Along Gibbel Road in the unincorporated Hemet Area of Riverside County, east of State Street.

CURRENT STATUS:

Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2024
- Finish: Winter 2025/2026

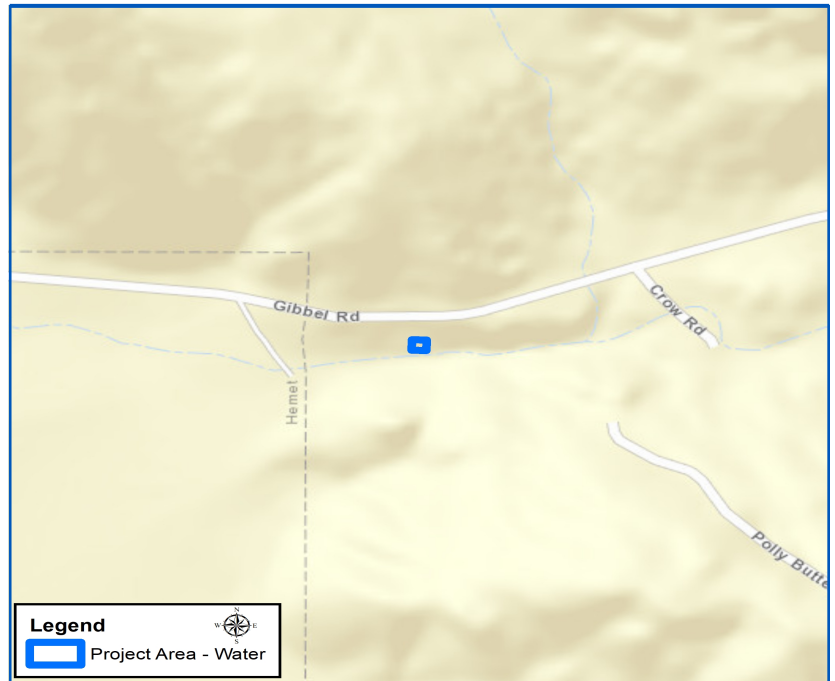
PROJECT BUDGET

- Estimated Total Project Budget: \$4,641,000
- Estimated Construction Budget: \$3,771,000
- Estimated Grant Percentage: 33%

PROJECT BENEFIT

EMWD's water conveyance system is designed to provide reliability and redundancy to deliver high-quality water to homes and businesses with minimal interruptions and to promote public safety through the delivery of sufficient pressure and availability to support fire suppression services.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Purified Water Replenishment Treatment Plant

PROJECT SUMMARY

The Purified Water Replenishment (PWR) project will design and construct an advanced water purification facility for treating effluent from the San Jacinto Valley Regional Water Reclamation Facility (SJVWRF) through membrane filtration reverse osmosis (RO) treatment processes prior to groundwater recharge. This effort includes developing a local groundwater model, Title 22 Engineering Report, and preparation of a project environmental impact report (EIR).

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2024
- Finish: Fall 2026

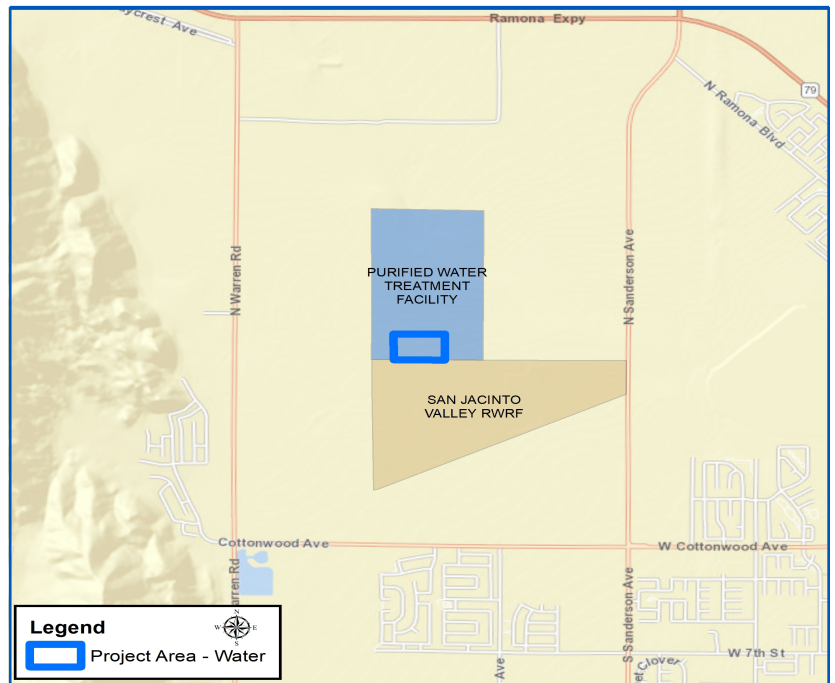
PROJECT BUDGET

- Estimated Total Project Budget: \$124,585,000
- Estimated Construction Budget: \$115,500,000
- Estimated Grant Percentage: 19%

PROJECT BENEFIT

Through collaborative and multi-faceted approaches, EMWD is able to successfully manage and augment its groundwater supplies in an economically and environmentally responsible manner to ensure long-term reliability for its customers.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

San Jacinto Water Supply Pipeline Phase I

PROJECT SUMMARY

This Specification 1382W consists of construction of approximately 2.25 miles of 60-inch feeder in Esplanade Avenue, Sanderson Avenue, and Commonwealth Avenue between Warren Road and the Hemet Water Filtration Plant (Schedule A). These facilities will provide additional water supply (Phase 1: 42 CFS) to the San Jacinto Valley Recharge and Recovery Program. Project also includes cathodic protection system (CP) improvements needed on the existing 33-inch and 39-inch San Jacinto Valley Raw Water Feeder as a result of pipeline condition assessment (Schedule B). Cathodic Protection improvements generally along Warren Road from EM-14 to Esplanade Avenue and Esplanade Avenue and Commonwealth Avenue from Warren Road to Mountain Avenue in the City of San Jacinto and City of Hemet. Note that this work order/construction order included design costs for both 1382W and 1383W, and includes a portion of engineering services during construction for 1383W.

CURRENT STATUS:

Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2021
- Finish: Spring 2023

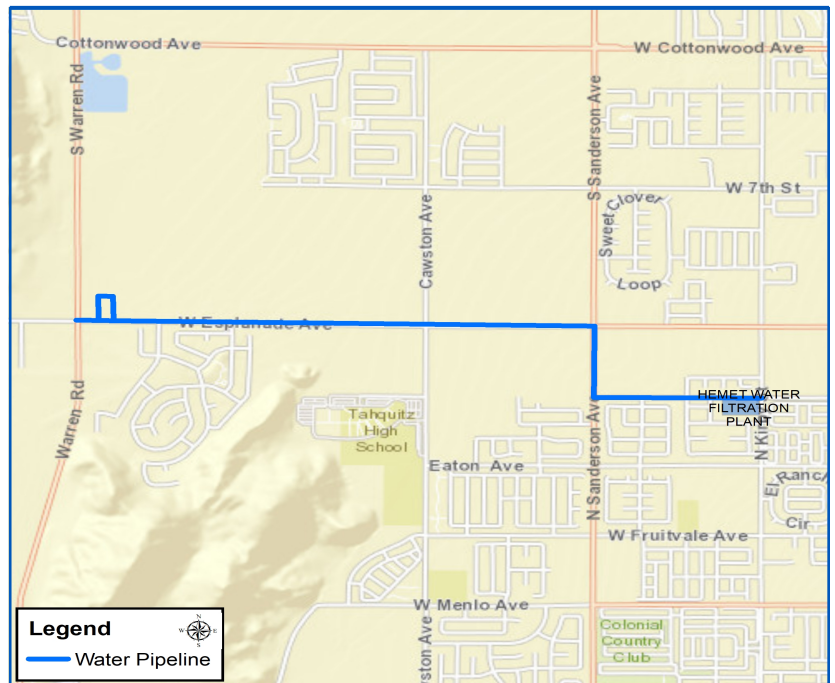
PROJECT BUDGET

- Estimated Total Project Budget: \$26,950,000
- Estimated Construction Budget: \$23,005,000
- Estimated Grant Percentage: 5%

PROJECT BENEFIT

EMWD's water conveyance system is designed to provide reliability and redundancy to deliver high-quality water to homes and businesses with minimal interruptions and to promote public safety through the delivery of sufficient pressure and availability to support fire suppression services.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

San Jacinto Valley Groundwater Treatment Facility Phase I

PROJECT SUMMARY

The San Jacinto Valley Groundwater Treatment, Phase I is a well treatment facility project in support of the SARCCUP Program located at the intersection of Hewitt Street and Evans Street in San Jacinto, CA. The project is part of the San Jacinto Valley Water Banking - Enhanced Recharge and Recovery Program (SJVWB-ERRP) and the District's Groundwater Reliability Plus Initiative for the expansion of groundwater recharge and supplement current and future water supplies of imported water in the local groundwater basin.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2024
- Finish: Spring 2026

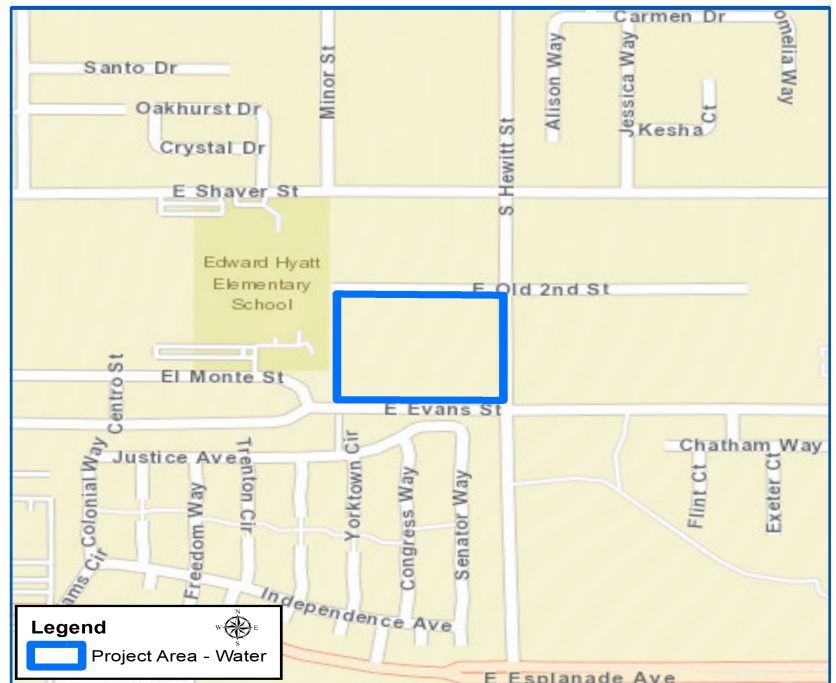
PROJECT BUDGET

- Estimated Total Project Budget: \$32,500,000
- Estimated Construction Budget: \$29,700,000
- Estimated Grant Percentage: 15%

PROJECT BENEFIT

Through collaborative and multi-faceted approaches, EMWD is able to successfully manage and augment its groundwater supplies in an economically and environmentally responsible manner to ensure long-term reliability for its customers.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

San Jacinto Valley Wells Location Evaluation

PROJECT SUMMARY

The San Jacinto Valley Well Property Identification and Evaluation Study will identify and evaluate the acquisition of property for new potable groundwater well sites in the San Jacinto Upper Pressure Zone. The Study Area will focus on the Ramona Expressway corridor between State Street and Florida Avenue along the eastern edge of the District.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE

- Start: N/A
- Finish: N/A

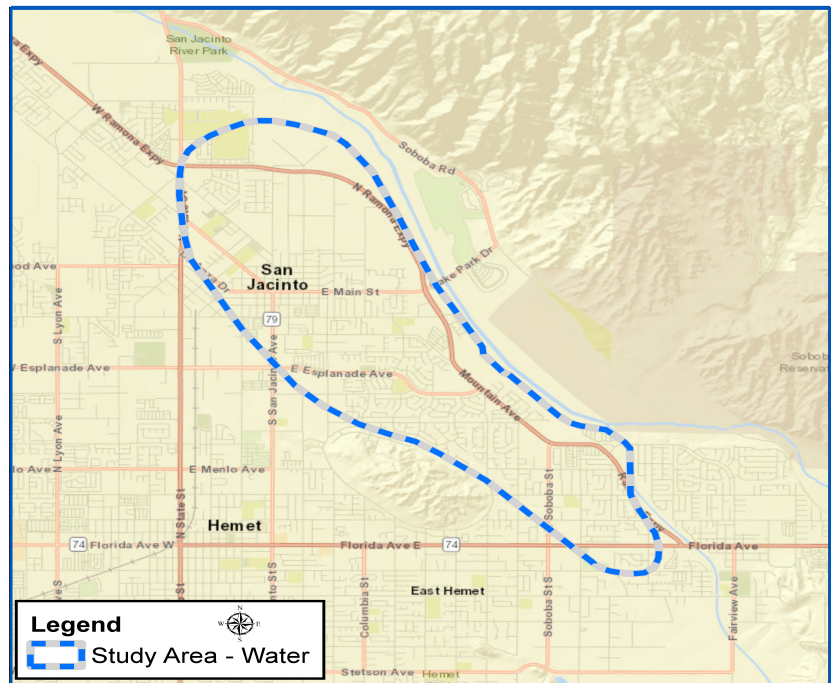
PROJECT BUDGET

- Estimated Total Project Budget: \$2,500,000
- Estimated Construction Budget: N/A
- Estimated Grant Percentage: 58%

PROJECT BENEFIT

Through collaborative and multi-faceted approaches, EMWD is able to successfully manage and augment its groundwater supplies in an economically and environmentally responsible manner to ensure long-term reliability for its customers.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Soboba Two Tank Replacement

PROJECT SUMMARY

The bolted steel tank is at 0.43MG capacity and currently leaking in the vertical and horizontal bolt runs as well as corrosion along bolts and structural members. The proposed project will replace the existing tank with a new tank. Project Location: 22050 San Jose Drive, San Jacinto, CA 92583

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2024
- Finish: Winter 2024/2025

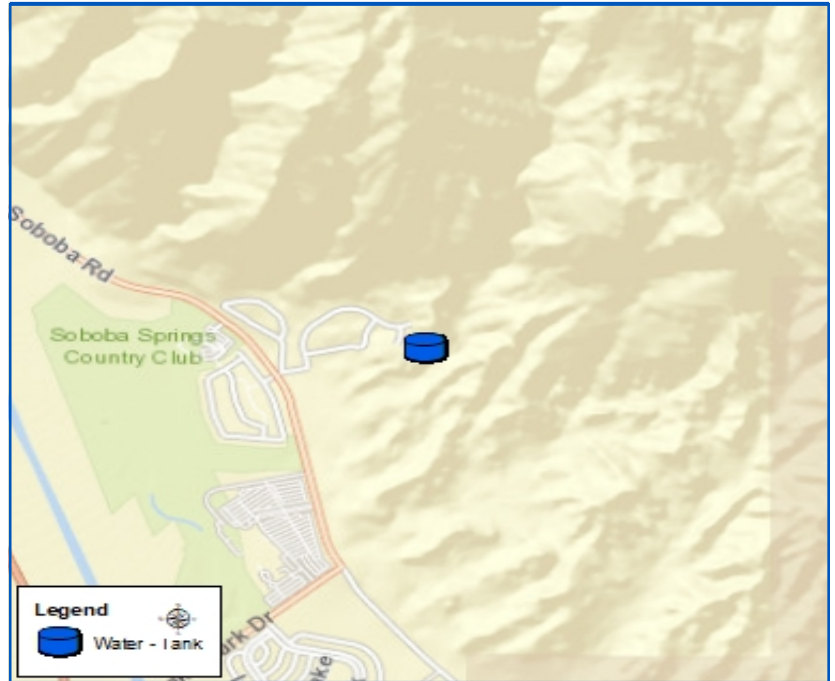
PROJECT BUDGET

- Estimated Total Project Budget: \$750,000
- Estimated Construction Budget: \$650,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

Water storage facilities allow EMWD to provide water supply reliability, maintain system pressurization and to provide emergency water storage in the event of unplanned outages.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

State Street Pipeline Replacement

PROJECT SUMMARY

This project will consist of the replacement of approximately 3,000 feet of existing 20-inch steel pipeline which has been encroached upon in multiple areas and is nearing the end of its useful life. Project Location: Along State Street between Stetson Avenue and Chambers Street in Hemet, CA.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2024
- Finish: Spring 2025

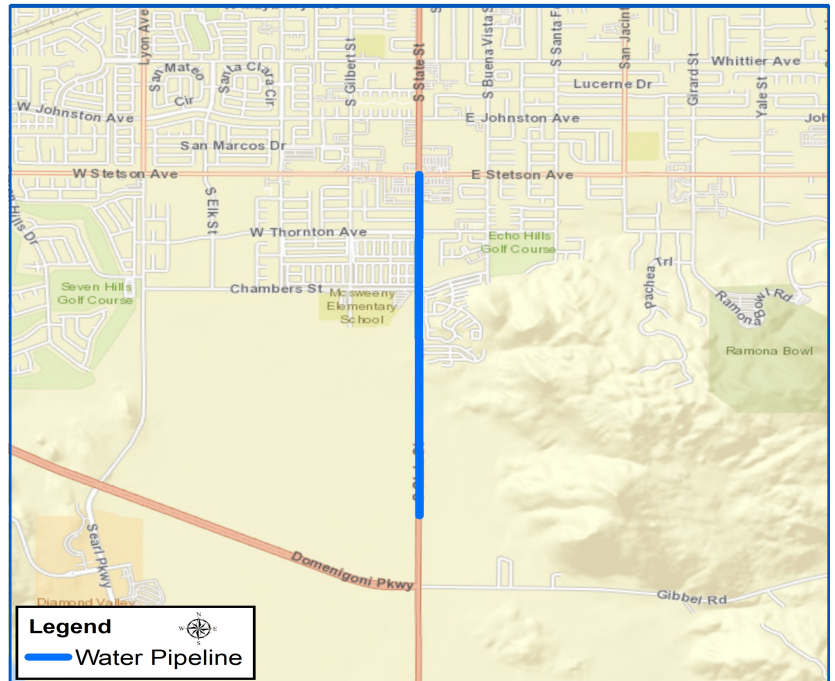
PROJECT BUDGET

- Estimated Total Project Budget: \$2,701,000
- Estimated Construction Budget: \$2,170,000
- Estimated Grant Percentage: 50%

PROJECT BENEFIT

EMWD's water conveyance system is designed to provide reliability and redundancy to deliver high-quality water to homes and businesses with minimal interruptions and to promote public safety through the delivery of sufficient pressure and availability to support fire suppression services.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Well 37 Facility and Discharge Pipeline

PROJECT SUMMARY

The equipping of Well 37 (Well 14 replacement) consists of the design and construction of a well building, pump and motor, piping, and other related appurtenances. The project site is located approximately 1,200 feet east of Mountain Avenue and approximately 2,000 feet north of the intersection of Esplanade Avenue and Mountain Avenue in the City of San Jacinto. The project is due south of a residential development and just west of the San Jacinto River levee.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2023
- Finish: Spring 2025

PROJECT BUDGET

- Estimated Total Project Budget: \$8,077,000
- Estimated Construction Budget: \$7,255,000
- Estimated Grant Percentage: 35%

PROJECT BENEFIT

Through collaborative and multi-faceted approaches, EMWD is able to successfully manage and augment its groundwater supplies in an economically and environmentally responsible manner to ensure long-term reliability for its customers.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Wells 201, 202, 203, and 205 Equipping

PROJECT SUMMARY

The Wells 201, 202, 203, and 205 Equipping project is located just west of Mountain Avenue between Main Street and Evans Street in San Jacinto, California. These wells are Phase I of the San Jacinto Valley Water Banking - Enhanced Recharge and Recovery Program (SJVWB-ERRP) groundwater production facilities to expand groundwater supply capacity by recharging imported water in the local groundwater basin. Wells 201, 202, and 203 are partially funded by the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) Proposition 84 Grant. Well 205 is a nonprogram, centralized treatment facility.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2021
- Finish: Winter 2023/2024

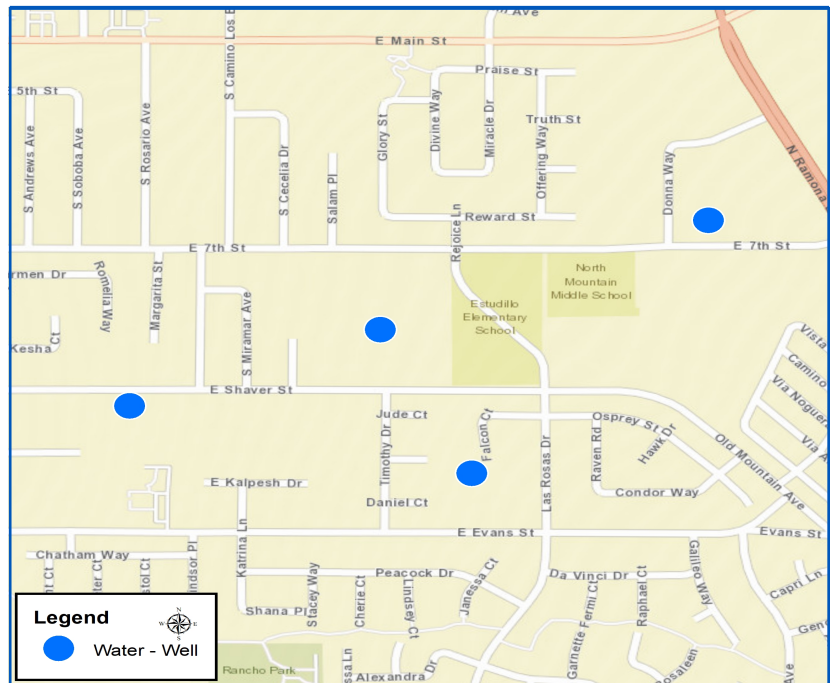
PROJECT BUDGET

- Estimated Total Project Budget: \$26,366,000
- Estimated Construction Budget: \$25,379,000
- Estimated Grant Percentage: 13%

PROJECT BENEFIT

Through collaborative and multi-faceted approaches, EMWD is able to successfully manage and augment its groundwater supplies in an economically and environmentally responsible manner to ensure long-term reliability for its customers.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Cawston Lift Station Replacement

PROJECT SUMMARY

The existing 4.5 MGD Cawston Lift Station (CLS) was constructed and put into operation in 1978, where it pumped westerly Hemet's sewer flow via Sanderson Lift Station to San Jacinto Valley Regional Water Reclamation Facility for treatment. Since 2012, CLS was deactivated and all the CLS influent sewer flow was redirected toward Winchester Lift Station and treated at Perris Valley Regional Water Reclamation Facility instead. In 2019, the CLS condition assessment confirmed that the existing mechanical and electrical equipment were obsolete, the existing dry/wet well structure is undersized and deteriorating, and CLS should be completely refurbished or replaced. In 2021, San Jacinto Valley Reclamation Integrated Plan report recommended a 5 MGD lift station must be put into operation by 2026/2027, and expanded to a projected 11.4 MGD at ultimate buildout capacity. This project will perform property evaluation of three potential project sites for the new Cawston Sewage Lift Station, including Phase 1 environmental site assessment review. Project location is 26800 Cawston Avenue, Hemet.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2031
- Finish: Spring 2033

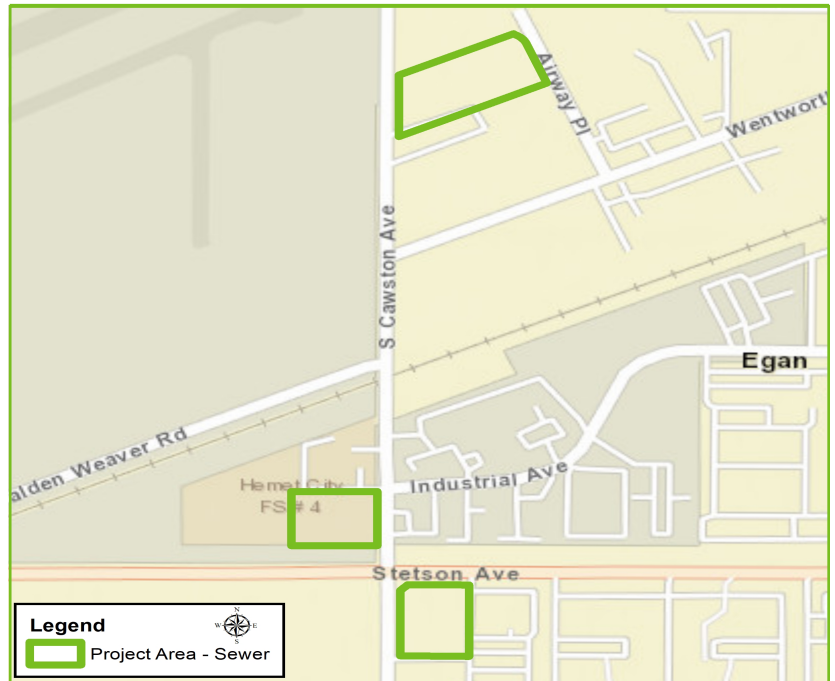
PROJECT BUDGET

- Estimated Total Project Budget: \$20,000,000
- Estimated Construction Budget: \$16,000,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD strives to protect public health through the safe and reliable transmission of wastewater from homes and business to its regional water reclamation facilities.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Purified Water Replenishment San Jacinto Valley Advanced Water Purification Facility - Brine Pond Monitoring Wells

PROJECT SUMMARY

As part of the Purified Water Replenishment Program, EMWD has advanced the final design of brine evaporation ponds that will manage the brine coming off the proposed San Jacinto Valley Advanced Water Purification Facility. The project will be designing new monitoring wells for the new brine evaporation ponds. Project Location: Northwest of the San Jacinto Valley Regional Water Reclamation Facility in the city of San Jacinto, CA.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2023
- Finish: Spring 2024

PROJECT BUDGET

- Estimated Total Project Budget: \$1,843,000
- Estimated Construction Budget: \$1,603,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD strives to protect public health through the safe and reliable transmission of wastewater from homes and business to its regional water reclamation facilities.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

San Jacinto Valley Regional Water Reclamation Facility Plant 1 Rehabilitation, Centrate Equalization and Digester No. 2

PROJECT SUMMARY

The San Jacinto Valley Regional Water Reclamation Facility (SJVWRF) Plant 1 was constructed in the mid-1960s and was taken offline in 2013 following completion of SJVWRF Plant 2 Expansion Project. A condition assessment of the SJVWRF Plant 1 facilities done in March 2018 recommended incorporating the Plant 2 primaries as the feed to the Plant 1 secondary process. This recommendation simplifies the rehabilitation of Plant 1 and allows the Plant 1 primaries to be reserved for alternative use.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2022/2023
- Finish: Spring 2025

PROJECT BUDGET

- Estimated Total Project Budget: \$35,284,000
- Estimated Construction Budget: \$33,043,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD protects public health through cost-effective projects and programs to manage biosolids, achieve long-term disposal independence through environmentally sustainable reuse, and the development of recycled water supplies.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

San Jacinto River Crossing Feasibility Study

PROJECT SUMMARY

The proposed project will define and implement a permanent sewerage solution between the existing Soboba II Lift Station and the gravity sewer on the south side of the San Jacinto River. Project Location: San Jacinto River between W Ramona Expressway and Soboba Road

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2026/2027
- Finish: Summer 2028

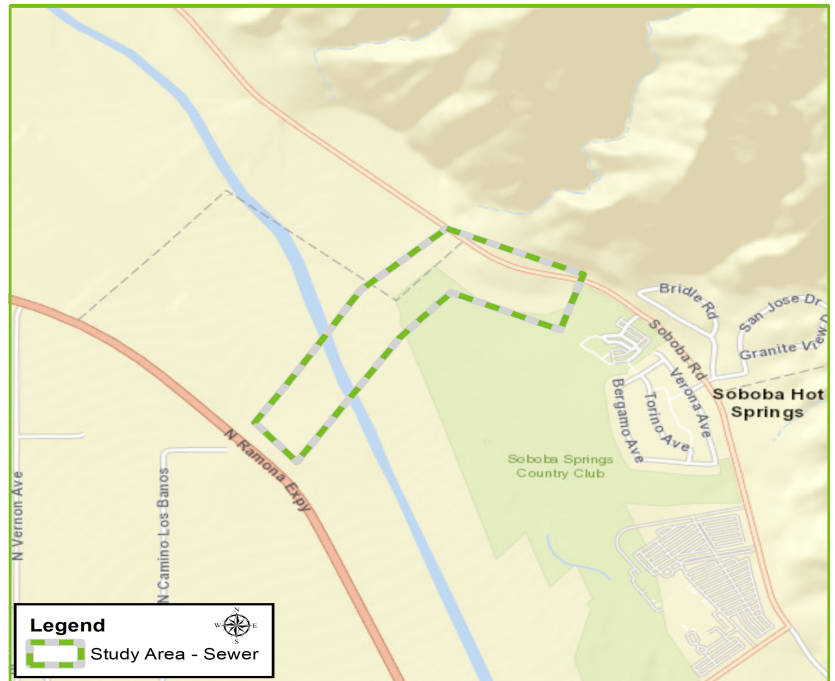
PROJECT BUDGET

- Estimated Total Project Budget: \$3,865,000
- Estimated Construction Budget: \$3,115,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD strives to protect public health through the safe and reliable transmission of wastewater from homes and business to its regional water reclamation facilities.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3

Mount San Jacinto College San Jacinto Campus Recycled Water Retrofit

PROJECT SUMMARY

The Mount San Jacinto College (MSJC) San Jacinto campus is situated on approximately 150 acres located north of the Ramona Expressway and east of State Street. The campus includes 28 acres of landscaping primarily comprised of turf. The project scope of work will be to install approximately 1,380 feet of 8-inch recycled water pipeline on Eagle Road from an existing recycled water pipeline located within Ramona Expressway. This project will also include the on-site drip conversion of the campus irrigation system.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2027
- Finish: Fall 2027

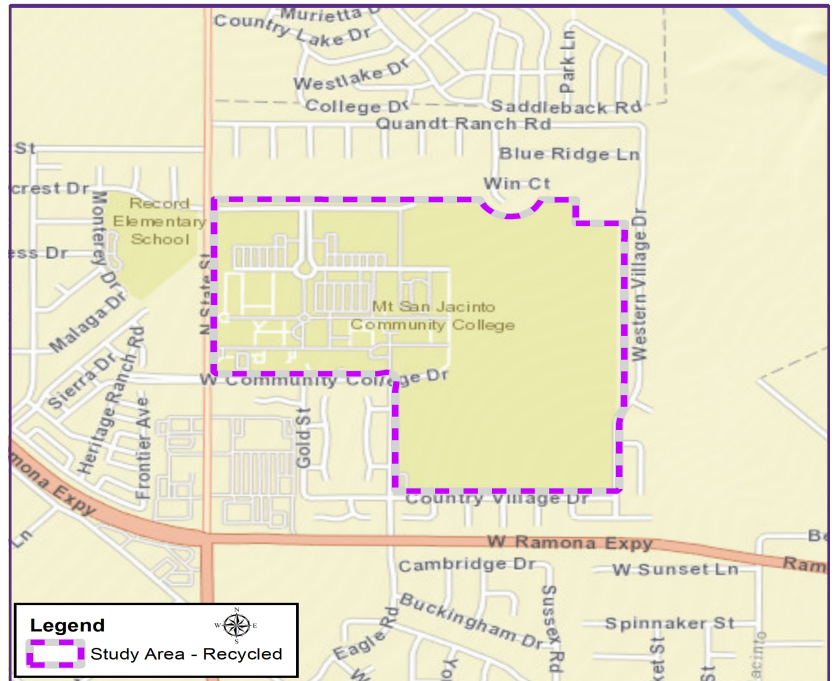
PROJECT BUDGET

- Estimated Total Project Budget: \$477,000
- Estimated Construction Budget: \$344,000
- Estimated Grant Percentage: N/A

PROJECT BENEFIT

EMWD's recycled water conveyance system is designed to provide reliability and redundancy in delivering high-quality recycled water in a cost-effective manner to help reduce reliance on drinking water supplies for irrigation and industrial purposes.

PROJECT LOCATION



MORE INFORMATION

- CONTACT: Kevin Pearson
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- EMWD BOARD MEMBER:
Director Randy A. Record
Division No. 3