

# CAPITAL IMPROVEMENT PROGRAM QUARTERLY REPORT



*Rendering of the Perris North Groundwater Treatment Facility in Moreno Valley.*

**DAVID J. SLAWSON**  
DIRECTOR  
DIVISION 5



*The eastern portion of the City of Riverside, and the north, central, and eastern portions of the City of Moreno Valley.*





# Cactus II Feeder Phase 2 Pipeline

## PROJECT SUMMARY

Phase 2 consists of approx. 12,200 LF of 36-inch pipe along Alessandro Blvd from Perris Blvd to Marion Rd; 3,500 LF of 30-inch pipe along Alessandro Blvd between Marion Rd and Moreno Beach Dr; and 2,700 LF of 30-inch pipe along Moreno Beach Dr between Alessandro Blvd and Cactus Ave. This phase includes the Letterman Lateral Pipeline which is 4,800 ft of 30-inch pipe along Alessandro Blvd between Marion Rd and Nason St, and along Nason St between Alessandro Blvd and Cottonwood to feed the LBPS.; and construction of Turnout Nos. 3 and 4.

## CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2024
- Finish: Spring 2026

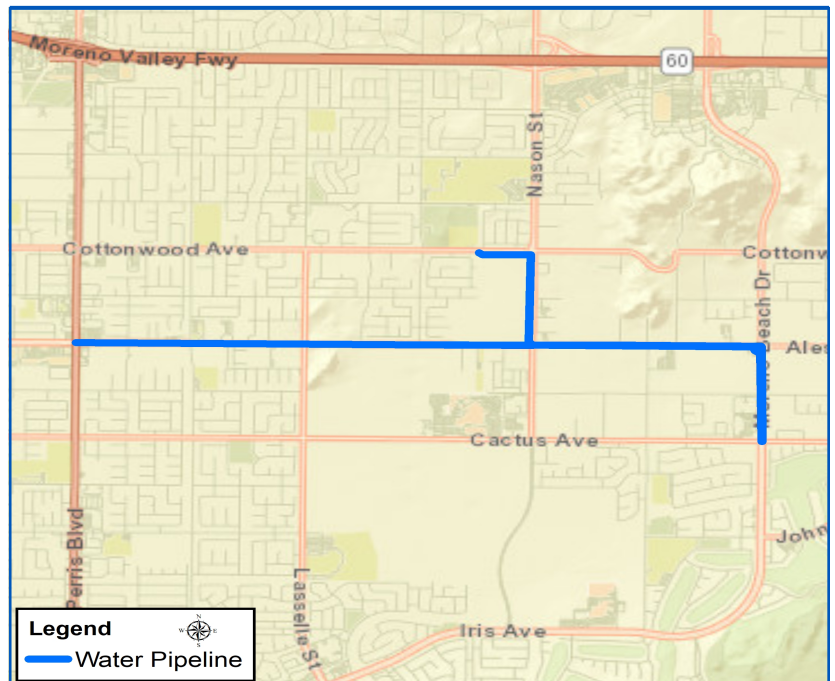
## PROJECT BUDGET

- Estimated Total Project Budget: \$26,345,000
- Estimated Construction Budget: \$25,701,000
- Estimated Grant Percentage: 15%

## 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Dale 2194 Pressure Zone Fire Flow Improvement

## PROJECT SUMMARY

The project consists of approximately 2,500 feet of 12-inch diameter pipeline in Kalmia Avenue, minor modifications to existing appurtenances, and the abandonment of two existing pump stations. Project Location: Within the City of Moreno Valley. Generally north of Ironwood Avenue, east of Slawson Avenue, south of Kalmia Avenue, and west of Dalehurst Road.

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2024
- Finish: Summer 2025

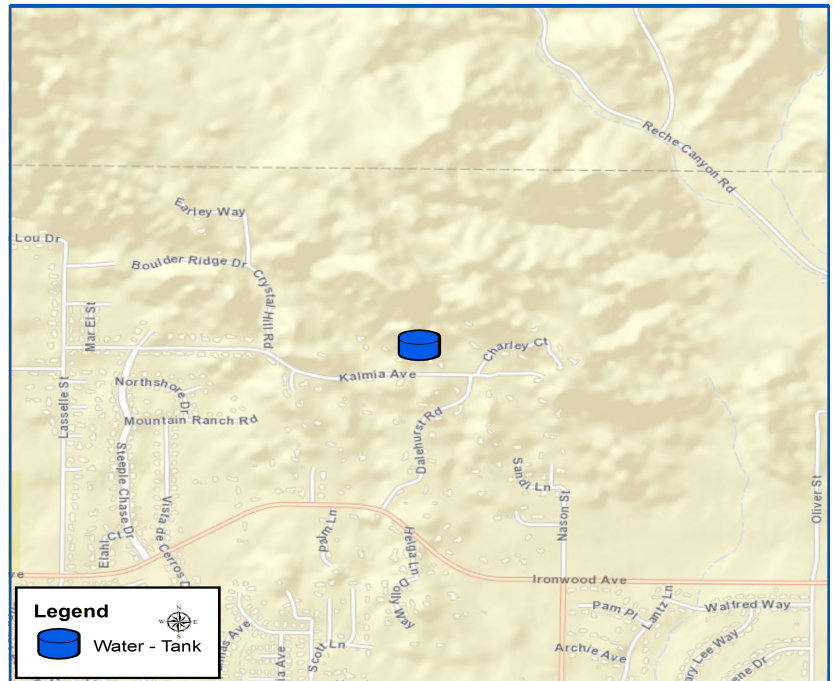
## PROJECT BUDGET

- Estimated Total Project Budget: \$2,064,000
- Estimated Construction Budget: \$1,704,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Dale Pipeline Project

## PROJECT SUMMARY

**Original Alignment:** Along Alta Vista Drive (currently a paper street) within a dormant, undeveloped tract (TR 20185) in the City of Moreno Valley. This project consists of the construction of 1,700 feet of 18-inch pipeline connecting the existing 12-inch diameter pipeline at Kitching Street to the existing 18-inch diameter pipeline at Alta Vista Drive. **Proposed Revised Alignment:** Approximately 3,000 feet of 18-inch pipeline, between Perris Blvd and Kitching St, along the residential streets of Fran Lou Drive, Los Olivos Dr, and Jaclyn Avenue in the City of Moreno Valley.

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2025
- Finish: Winter 2026/2027

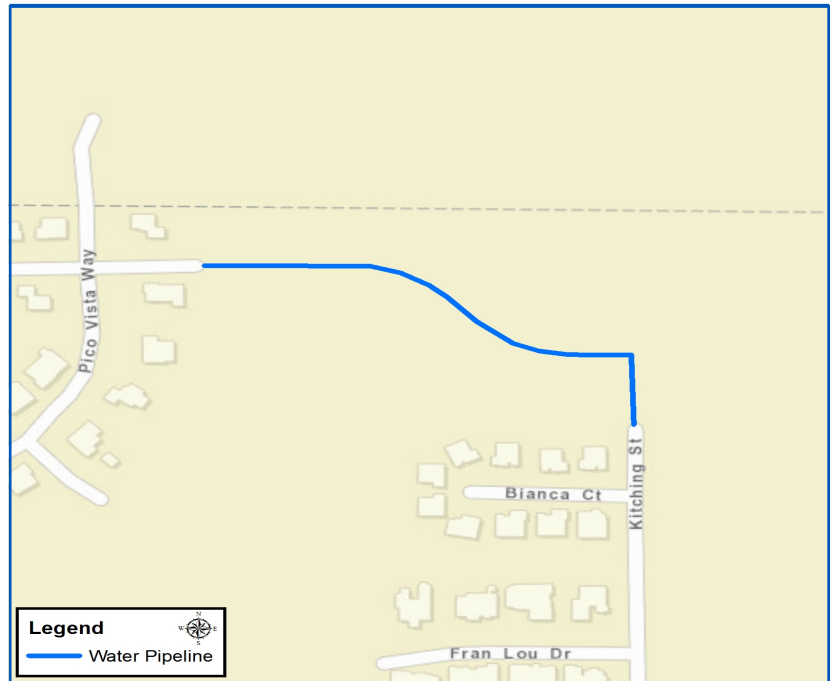
## PROJECT BUDGET

- Estimated Total Project Budget: \$1,885,000
- Estimated Construction Budget: \$1,514,000
- 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: Alma Ramirez  
Public Affairs Officer II
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- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Indian Street Pipeline Project

## PROJECT SUMMARY

The Indian Street Water Pipeline Replacement project is located on Indian Street between Ironwood Avenue and Hemlock Street in Moreno Valley, California. The scope of work replaces the existing 4-inch diameter asbestos cement pipeline constructed in 1975 with approximately 1,600 LF of 12-inch diameter pipeline. These improvements will increase water system pressures and reliability.

**CURRENT STATUS:** Bid / Construction

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2022
- Finish: Spring 2023

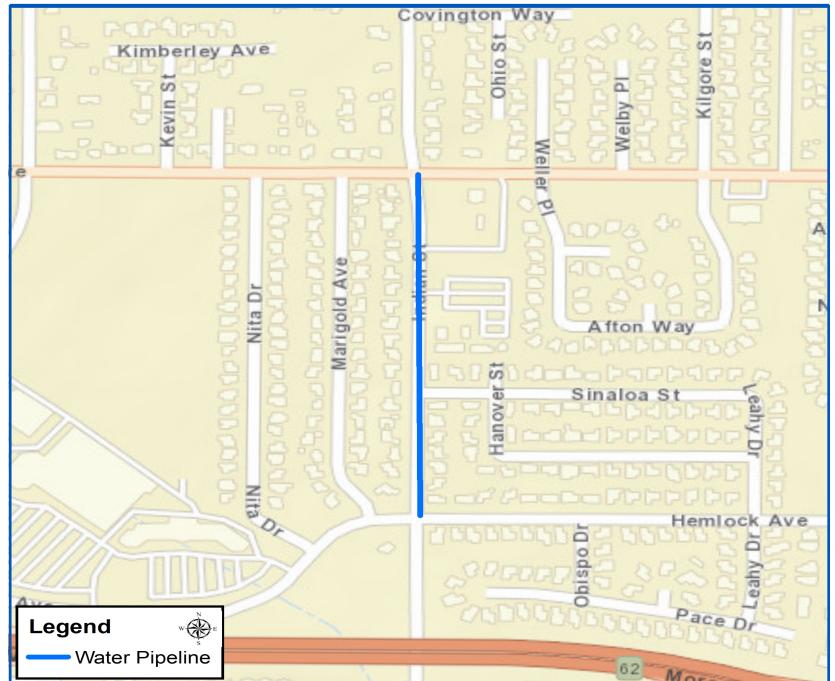
## PROJECT BUDGET

- Estimated Total Project Budget: \$1,523,000
- Estimated Construction Budget: \$1,305,000
- 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

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Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
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- EMWD BOARD MEMBER:  
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# Judson Tank Final Project

## PROJECT SUMMARY

Located on EMWD Property at the northerly end of Old Perris Blvd (historically referred to as Judson Street) in the City of Moreno Valley. This project consists of the final construction of a 2.2 MG tank (Judson Tank), and remaining pipeline, drainage, mechanical/electrical, and paving work to complete the project. This project is dependent on completion of both the Judson Grading & Civil Work Project and the Perris Boulevard Transmission Main before the tank can be operational.

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2023/2024
- Finish: Winter 2025/2026

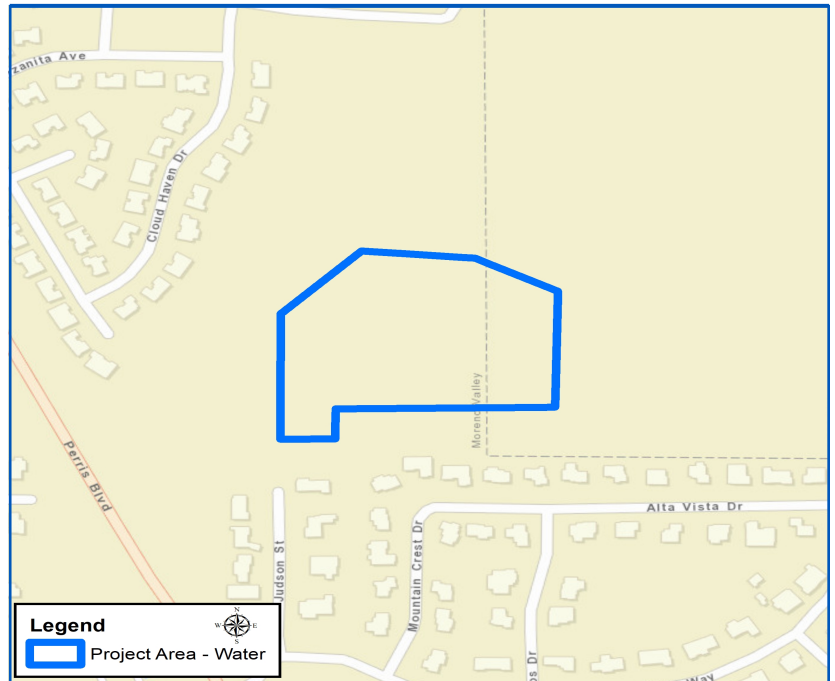
## PROJECT BUDGET

- Estimated Total Project Budget: \$2,837,000
- Estimated Construction Budget: \$2,216,000
- 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: Alma Ramirez  
Public Affairs Officer II
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# Judson Tank Grading Project

## PROJECT SUMMARY

On EMWD Property and easements at the northerly end of Old Perris Blvd (historically referred to as Judson St), and within Old Perris Blvd and Pico Vista Way, in the City of Moreno Valley. This project consists of the major, initial site preparation for a future 2.2 MG tank (Judson Tank) to be constructed on EMWD property at the northerly end of Old Perris Boulevard, including grading of the entire site, drainage improvements, detention basin, SCE service work, and spare electrical conduits. Also includes construction of a portion of the 18-inch supply line to the tank, replacement of an existing 12-inch distribution line, and street improvements within Old Perris Boulevard and Pico Vista Way, which will serve as the primary access to the tank site.

## CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2023/2024
- Finish: Winter 2025/2026

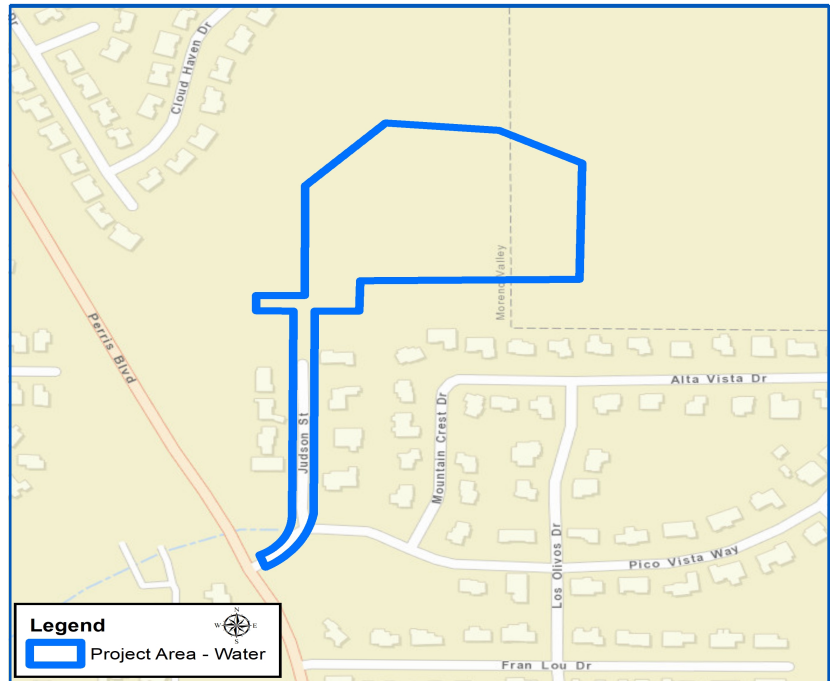
## PROJECT BUDGET

- Estimated Total Project Budget: \$4,380,000
- Estimated Construction Budget: \$3,807,000
- 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

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Public Affairs Officer II
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- EMWD BOARD MEMBER:  
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Division No. 5



# Manzanita Tank Piping Replacement

## PROJECT SUMMARY

The proposed project will relocate an existing I/O piping system and below grade vault will be demolished and a new I/O piping system with a security enclosure will be constructed above grade. Project Location: Located at 28890 Manzanita Avenue and Redlands Boulevard in Moreno Valley, CA 92555

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

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

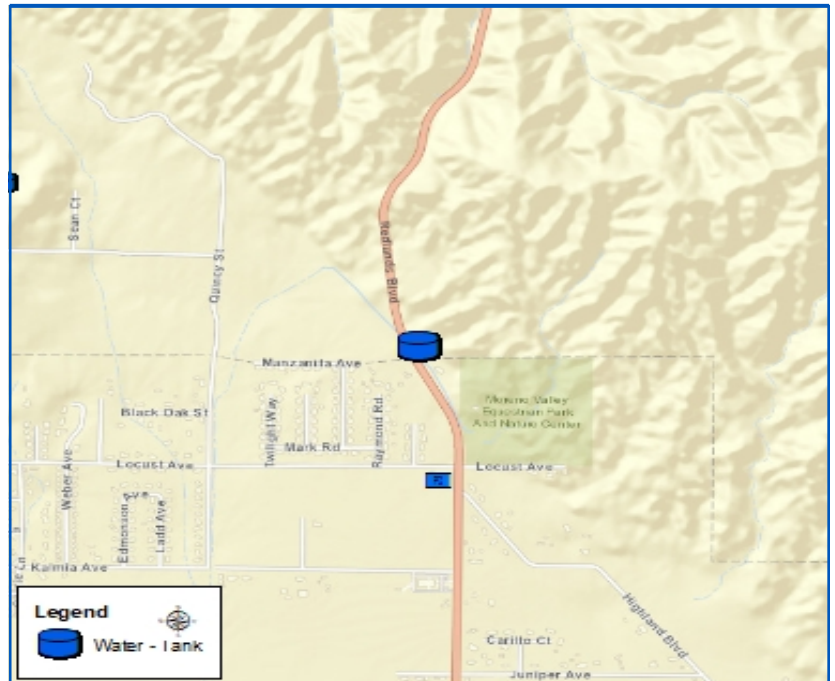
## PROJECT BUDGET

- Estimated Total Project Budget: \$450,000
- Estimated Construction Budget: \$400,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Moreno Beach Tank Rehabilitation

## PROJECT SUMMARY

Removal of existing interior coating and recoating of the tank interior; replacement of existing stairs; and installation of perimeter safety railing. Project Location: Moreno Beach Drive, Moreno Valley

**CURRENT STATUS:** Bid / Construction

## ESTIMATED CONSTRUCTION SCHEDULE

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

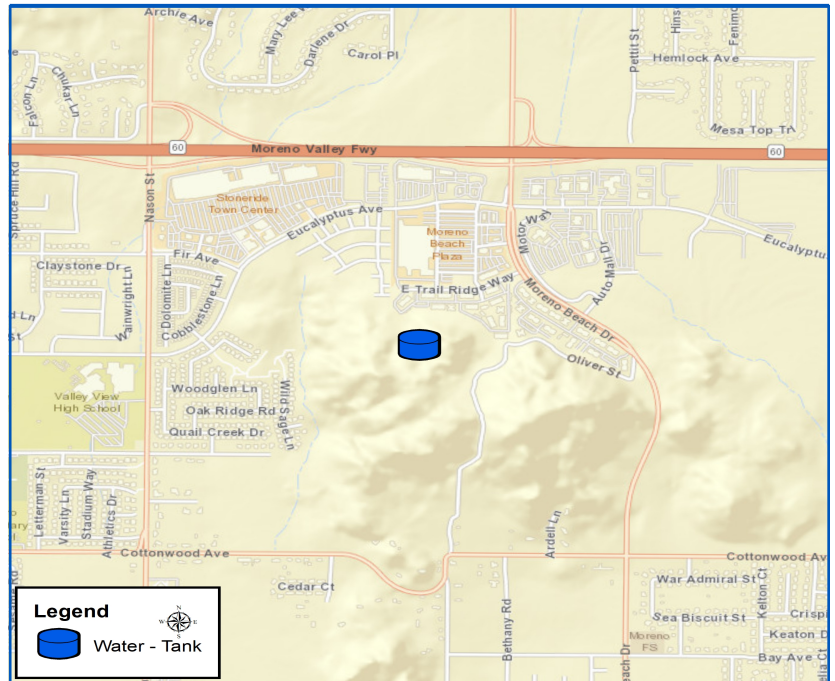
## PROJECT BUDGET

- Estimated Total Project Budget: \$1,082,000
- Estimated Construction Budget: \$1,000,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
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- EMWD BOARD MEMBER:  
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Division No. 5

# Moreno Valley Pavement Restoration Program Phase 1

## PROJECT SUMMARY

Pavement restoration for District capital projects in partnership with the City of Moreno Valley pursuant to an interagency agreement whereby the City agrees to reimburse the District for all improvements that are over and above the District's road remediation obligation resulting from construction of its projects. Phase 1 applies to the following District projects: Cactus II Feeder Phase 1 and Pettit Regulated Pressure Zone.

## CURRENT STATUS:

**Bid / Construction**

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2022/2023
- Finish: Summer 2023

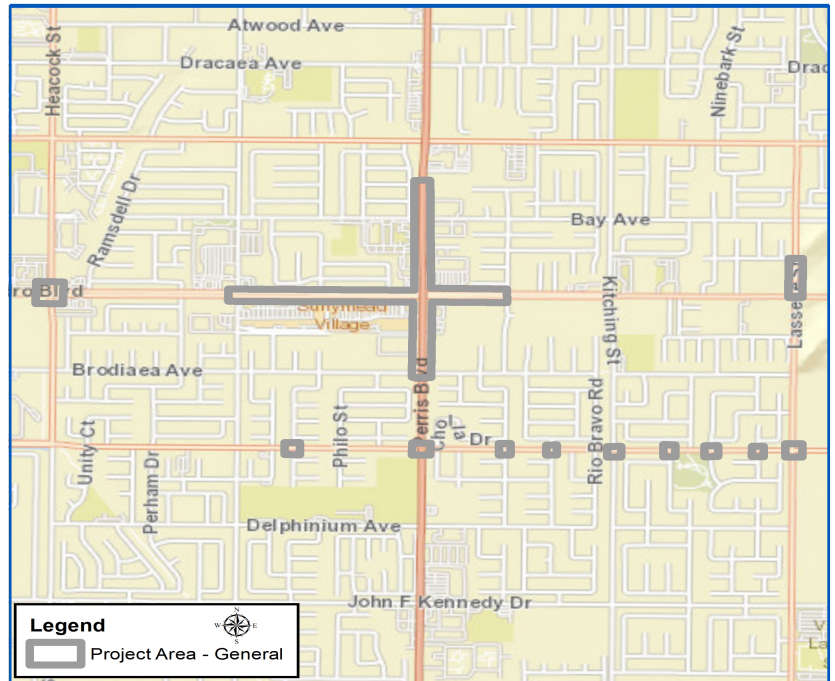
## PROJECT BUDGET

- Estimated Total Project Budget: \$1,630,000
- Estimated Construction Budget: \$1,575,000
- Estimated Grant Percentage: N/A

## PROJECT BENEFIT

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## PROJECT LOCATION



## MORE INFORMATION

- CONTACT: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
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# Moreno Valley Pavement Restoration Program Phase 2

## PROJECT SUMMARY

Pavement restoration for District capital projects in partnership with the City of Moreno Valley pursuant to an interagency agreement whereby the City agrees to reimburse the District for all improvements that are over and above the District's road remediation obligation resulting from construction of its projects. Phase 2 applies to the following District projects: Perris North Raw Water Pipeline Phase 2 and Kitching & Iris Sewer. Project Location: Various streets in the city of Moreno Valley.

## CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

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

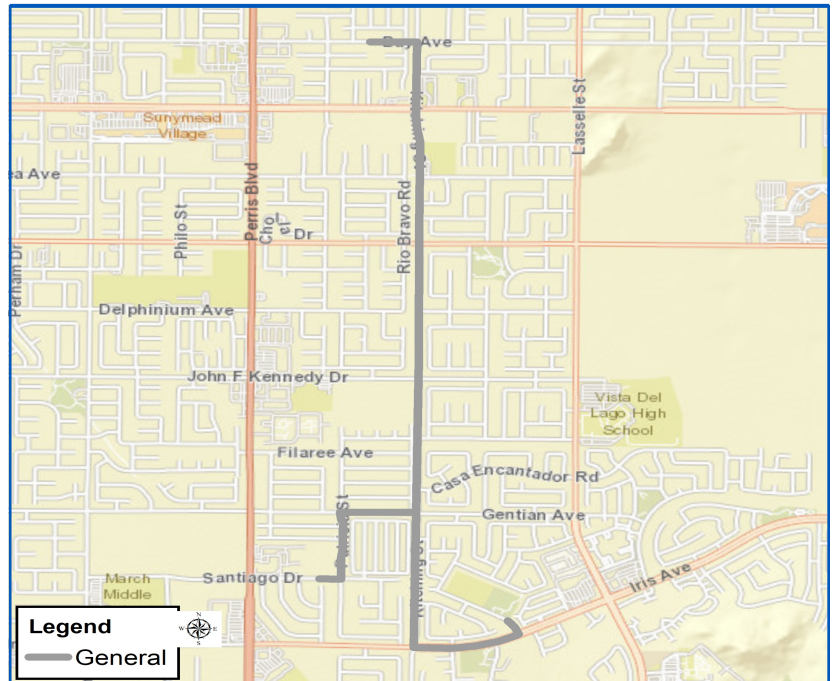
## PROJECT BUDGET

- Estimated Total Project Budget: \$2,052,000
- Estimated Construction Budget: \$1,990,000
- Estimated Grant Percentage: N/A

## PROJECT BENEFIT

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## PROJECT LOCATION



## MORE INFORMATION

- CONTACT: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Perris Boulevard Pipeline Project

## PROJECT SUMMARY

The Perris Boulevard Pipeline Project consists of 6,700 LF of 18-inch transmission main in Perris Boulevard from Robin Lane to the Casey Court Tank access road that includes off-site piping to connect the proposed Judson Tank to the distribution system. The proposed off-site alignment is approximately 1,300 LF of 18-inch diameter pipeline, 700 LF along Judson Street to the centerline of Pico Vista Way to Robin Lane near the Covey Booster Station.

## CURRENT STATUS:

**Bid / Construction**

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2023
- Finish: Summer 2024

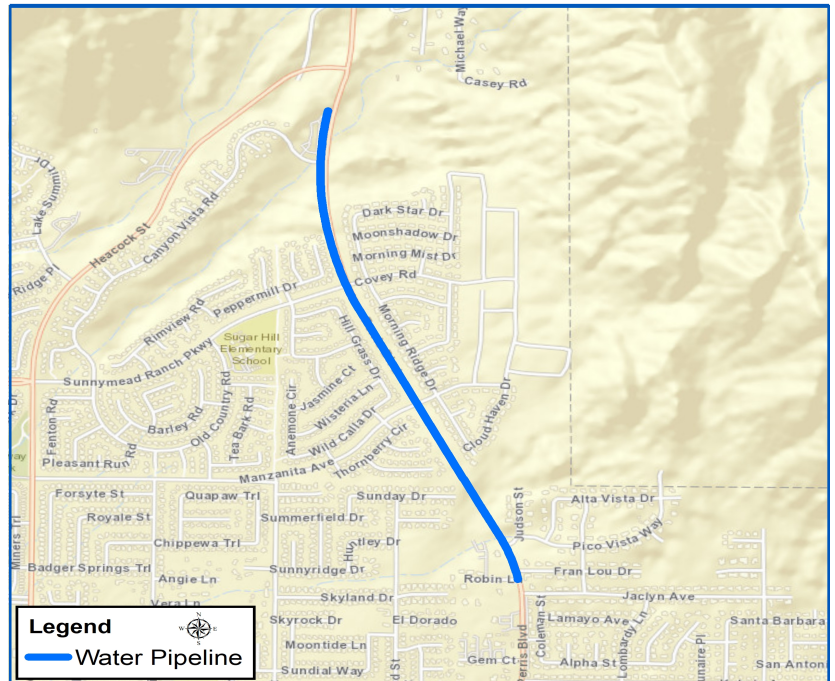
## PROJECT BUDGET

- Estimated Total Project Budget: \$6,872,000
- Estimated Construction Budget: \$5,773,000
- Estimated Grant Percentage: N/A

## PROJECT BENEFIT

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## PROJECT LOCATION



## MORE INFORMATION

- CONTACT: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Perris North Groundwater Program

## PROJECT SUMMARY

This project involves the administration of the Program, including providing all technical and administrative services as needed for Program completion; monitoring, supervising, and reviewing all work performed; and coordinating budgeting and scheduling to ensure the Program is completed within budget, on schedule, and in accordance with approved procedures, applicable laws, and regulations; preparation and submittal of all required invoices and progress reports, coordination with the Grant Manager, and site visits with the Grant Manager and other SWRCB staff.

**CURRENT STATUS:** Planning

## ESTIMATED CONSTRUCTION SCHEDULE

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

## PROJECT BUDGET

- Estimated Total Project Budget: \$5,839,000
- Estimated Construction Budget: N/A
- Estimated Grant Percentage: N/A

## 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](mailto:pearsonk@emwd.org)
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Perris North Basin Monitoring and Reporting Plan

## PROJECT SUMMARY

Consulting services needed to develop the Monitoring and Reporting Plan (MRP) for the Perris North Basin Groundwater Contamination Prevention and Remediation Program.

**CURRENT STATUS:** Planning

## ESTIMATED CONSTRUCTION SCHEDULE

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

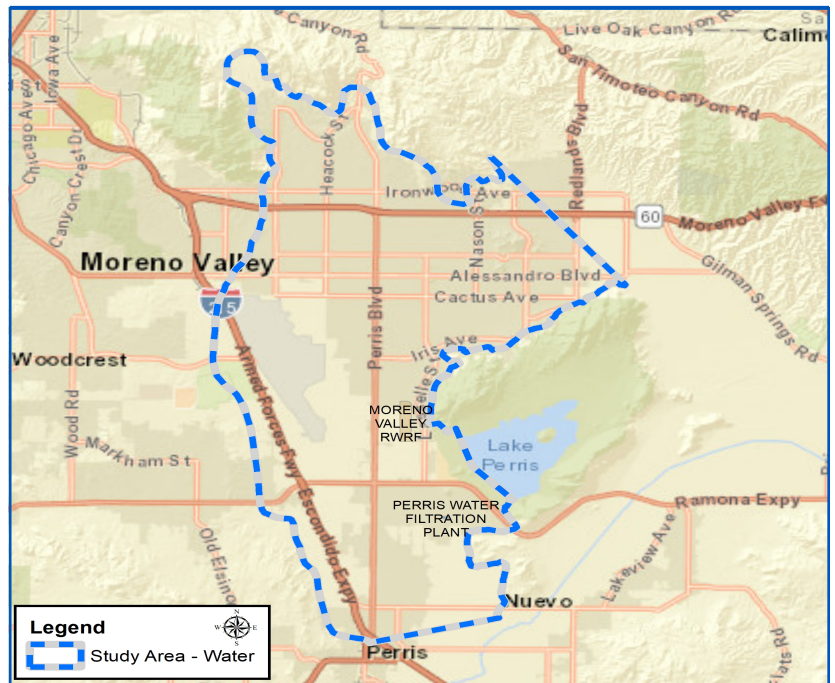
## PROJECT BUDGET

- Estimated Total Project Budget: \$949,000
- Estimated Construction Budget: N/A
- Estimated Grant Percentage: 43%

## 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Perris North Groundwater Treatment Facility and Wells

## PROJECT SUMMARY

The Project consists of equipping six (6) extraction wells (Wells 206, 207, 208, 209, 65, and 66) and a centralized treatment facility with a total capacity of 3,100 GPM. The wells are located on five (5) District owned sites within the City of Moreno Valley. Wells 65 and 66 are located south of Ironwood Ave. between Heacock St. and Nita Dr. Wells 206 and 207, and the treatment facility are located on Perris Blvd. between St. Christopher Lane and Bay Ave. Well 208 is located north of Santiago Way between Perris Blvd. and Patricia St., east of the Moreno Valley City Maintenance Yard. Well 209 is situated within Victoriano Park located north of Los Cabos Dr. between Granada Dr. and Iris Ave. The five (5) well sites will be connected with 12-inch to 18-inch raw water conveyance pipelines that will be constructed under separate specification numbers.

## CURRENT STATUS:

**Bid / Construction**

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2023
- Finish: Summer 2025

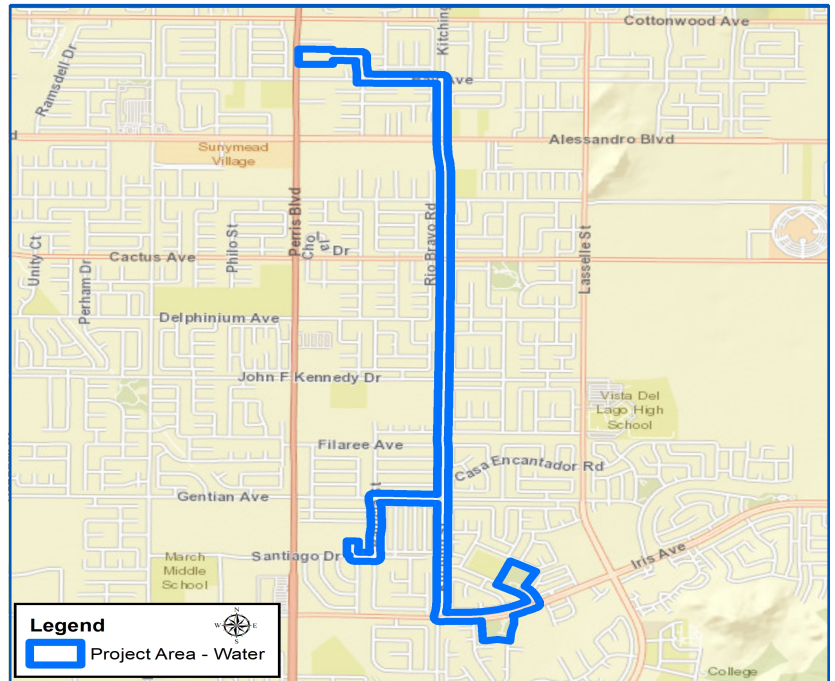
## PROJECT BUDGET

- Estimated Total Project Budget: \$93,095,000
- Estimated Construction Budget: \$81,359,000
- Estimated Grant Percentage: 43%

## 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Perris North Monitoring Wells Phase I

## PROJECT SUMMARY

The Project scope of work includes installation of up to sixteen monitoring well site locations (up to four cluster and nested, 3-inch wells at each site location) throughout the City of Moreno Valley. Fourteen of the sixteen well sites will be located in the public right-of-way. As part of the Perris North Program, these monitoring wells will establish baseline groundwater monitoring data and assist the District in establishing informed management decisions related to the Perris North Subbasin. Some of the data that will be gathered includes information concerning groundwater levels, groundwater movement, concentrations, and extent of any existing contaminants.

## CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2023
- Finish: Winter 2024/2025

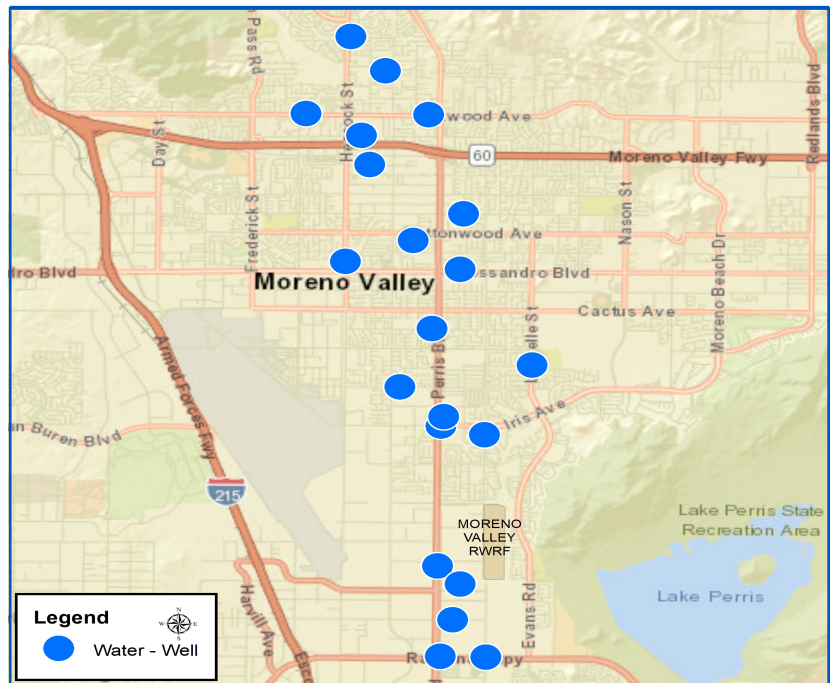
## PROJECT BUDGET

- Estimated Total Project Budget: \$6,650,000
- Estimated Construction Budget: \$5,785,000
- Estimated Grant Percentage: 43%

## 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Perris North Pipeline Phase II

## PROJECT SUMMARY

This project includes the design and construction of the Cactus Corridor transmission pipeline, the off-site raw groundwater pipelines and include blend water and treated water pipelines needed for the Cactus Avenue Corridor (North and East Area wells) portion of the Perris North Program. Facilities include approximately 30,000 LF of pipelines in the city of Moreno Valley to be constructed to convey raw groundwater from the extraction wells to the proposed centralized treatment and blending facility. Pipelines include conveyance of blend water to the centralized treatment and blending facility and treated water from the centralized treatment and blended facility to Eastern Municipal Water District's distribution system. These pipelines would be located primarily within roadway rights of way. The pipelines may be constructed either along Kitching Street or along Perris Boulevard.

**CURRENT STATUS:** Bid / Construction

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2022
- Finish: Spring 2024

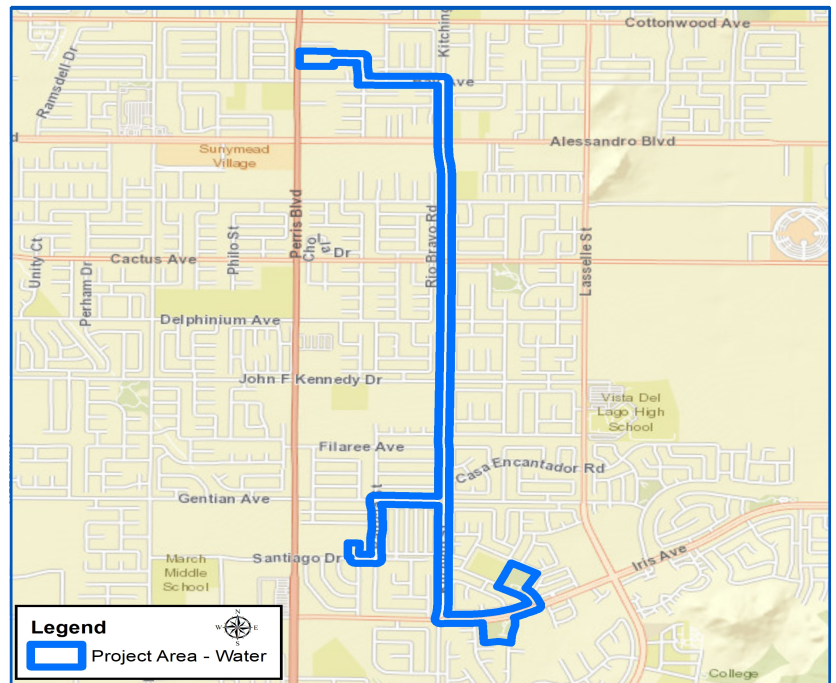
## PROJECT BUDGET

- Estimated Total Project Budget: \$8,746,000
- Estimated Construction Budget: \$7,898,000
- Estimated Grant Percentage: 43%

## PROJECT BENEFIT

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## PROJECT LOCATION



## MORE INFORMATION

- CONTACT: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
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# Perris North Pipeline Phase III

## PROJECT SUMMARY

Design services related to the Raw Water Conveyance Pipeline Phase III. The additional services include a new 18-inch PVC pipeline from the Well 66 site to the Wells 206-207 site. Includes project management, data gathering, investigations, preparation of contract documents, permit support, and bidding services by Kennedy Jenks. Project Location: City of Moreno Valley.

## CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2023
- Finish: Spring 2025

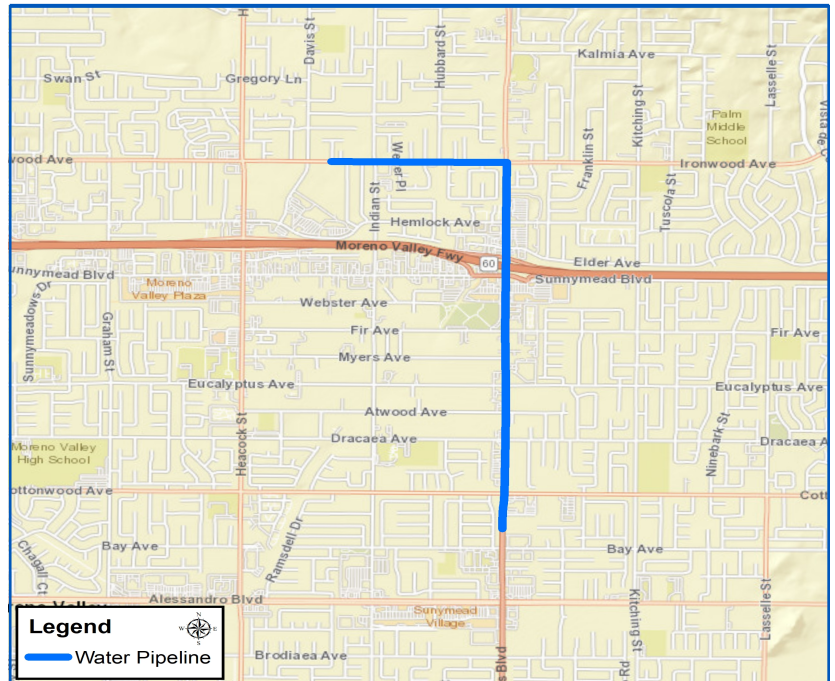
## PROJECT BUDGET

- Estimated Total Project Budget: \$6,203,000
- Estimated Construction Budget: \$5,423,000
- Estimated Grant Percentage: 43%

## 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Perris North Groundwater Model and Preliminary Design Report

## PROJECT SUMMARY

The project would involve construction of up to an additional 10 monitoring wells beyond the 10 monitoring wells constructed in Phase 1 (each up to 6-inch diameter and a combination of single-port and multi-point wells) to establish baseline groundwater monitoring data. The data would include information concerning groundwater levels; groundwater movement; and type, concentrations and extent of existing Contaminants of Concern. The project would ultimately assist Eastern Municipal Water District in establishing informed management decisions related to the Perris North Sub-Basin. The locations of these additional wells are yet to be determined but will be within the three identified areas within the Program.

## CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

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

## PROJECT BUDGET

- Estimated Total Project Budget: \$3,402,000
- Estimated Construction Budget: N/A
- Estimated Grant Percentage: 43%

## 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: Alma Ramirez  
Public Affairs Officer II
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- EMWD BOARD MEMBER:  
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# Redlands and Cottonwood Booster Maintenance

## PROJECT SUMMARY

The Redlands and Cottonwood Booster Station is located at 13400 Redlands Boulevard just north of Cottonwood Avenue in Moreno Valley, California. The Booster Station was constructed in 1993 and utilizes three (3) electric motor-driven pumps and one (1) engine-driven pump to supply potable water to the surrounding pressure zone. The project scope of work consists of replacing the electrical equipment to the pumps; replace the engine and install a new motor for pump No. 4; and include an emergency on-site generator for the facility.

## CURRENT STATUS:

**Bid / Construction**

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2021
- Finish: Fall 2023

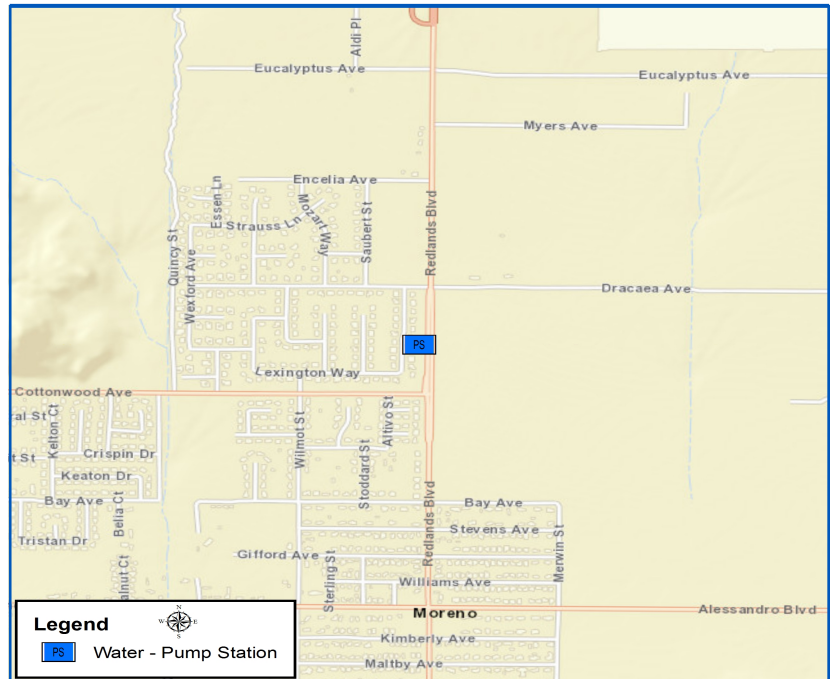
## PROJECT BUDGET

- Estimated Total Project Budget: \$2,253,000
- Estimated Construction Budget: \$2,045,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Steeplechase and Kalmia Booster Replacement

## PROJECT SUMMARY

The Steeplechase and Kalmia Booster Pump Station (BPS) serves the 2194 Dale Pressure Zone in northern Moreno Valley. During the July 2019 earthquake, the structure was severely damaged which necessitated short-term modifications to preserve the integrity of the structure. This modification is a temporary solution, and a new replacement booster station is required. Project Location: Located at Kalmia Avenue in the City of Moreno Valley, CA.

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2024
- Finish: Fall 2025

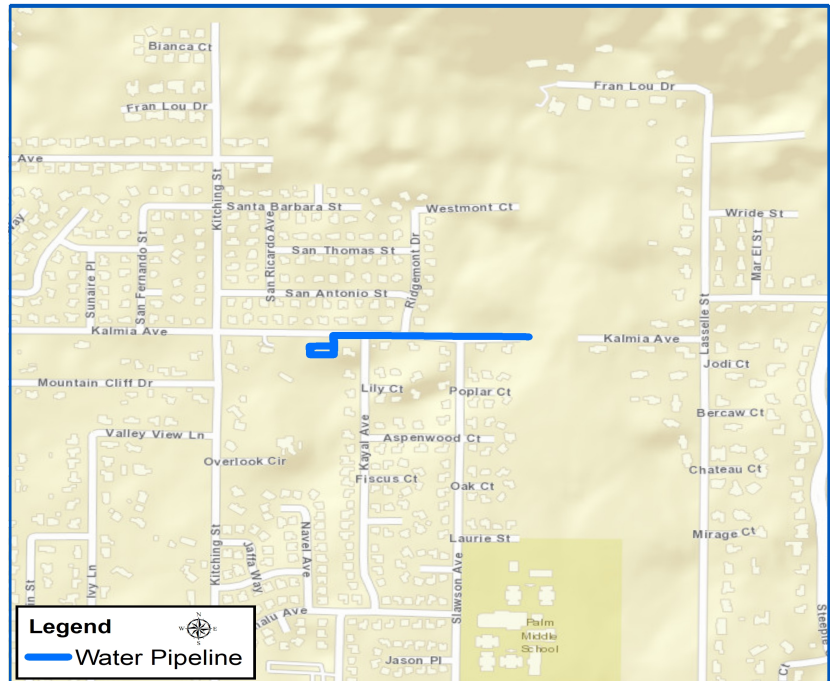
## PROJECT BUDGET

- Estimated Total Project Budget: \$4,046,000
- Estimated Construction Budget: \$2,871,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Indian Street Sewer

## PROJECT SUMMARY

The Indian Street and Highway 60 Sewer Pipeline project will replace the 10-inch sewer from Sunnymead Boulevard to Hemlock Avenue with a 15-inch sewer crossing the 60 Freeway at Indian Street. The crossing of the freeway will require trenchless design and permitting.

### CURRENT STATUS:

Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2024
- Finish: Summer 2025

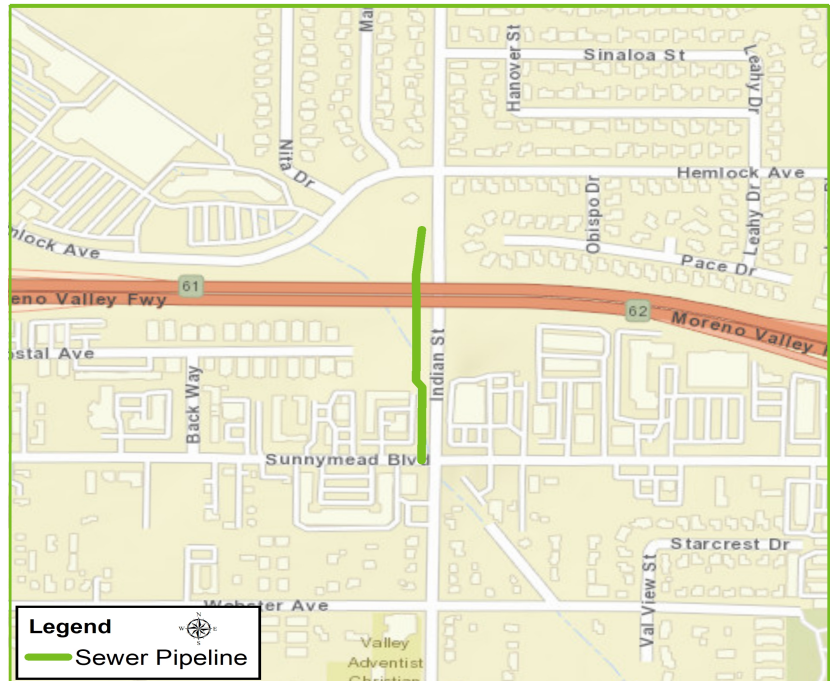
## PROJECT BUDGET

- Estimated Total Project Budget: \$3,600,000
- Estimated Construction Budget: \$2,717,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Indian Street Sewer Replacement - North

## PROJECT SUMMARY

Design and install a 15-inch diameter gravity sewer with the Woodspring Hotel site to accommodate the growth within the service area in the City of Moreno Valley. Project Location: West of Indian Street, south of Hemlock Avenue and north of Freeway 60, in the City of Moreno Valley.

**CURRENT STATUS:** Bid / Construction

## ESTIMATED CONSTRUCTION SCHEDULE

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

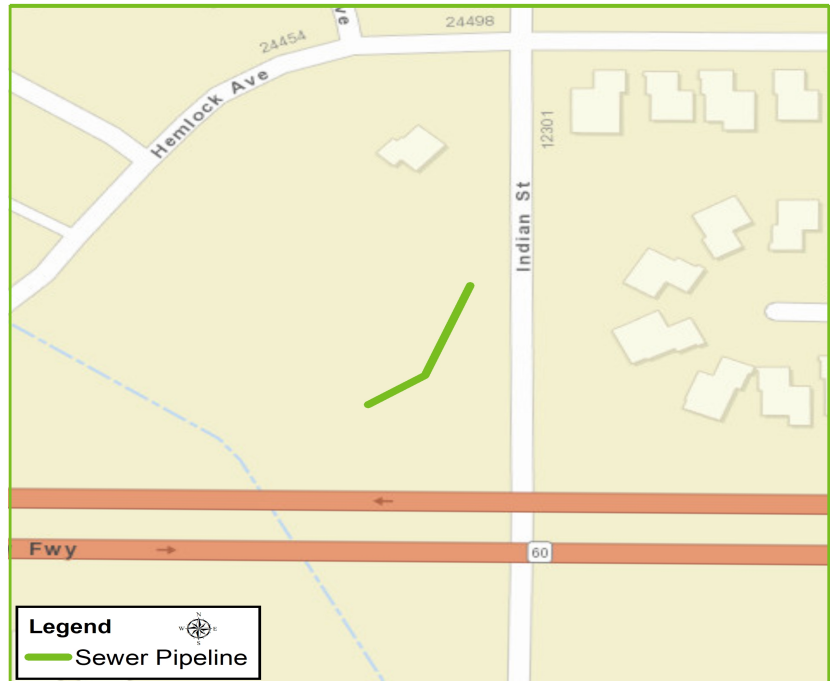
## PROJECT BUDGET

- Estimated Total Project Budget: \$555,000
- Estimated Construction Budget: \$526,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Oliver Street Sewer

## PROJECT SUMMARY

This project is a planned extension as part of the Eastern Municipal Water District Sewer Masterplan that will provide a gravity sewer connection north of SR-60, which is currently not served by existing infrastructure. Project location: Crossing SR-60, between Nason Street and Moreno Beach Drive, connecting to existing sewer in Eucalyptus Avenue and travelling north passing under SR-60.

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

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

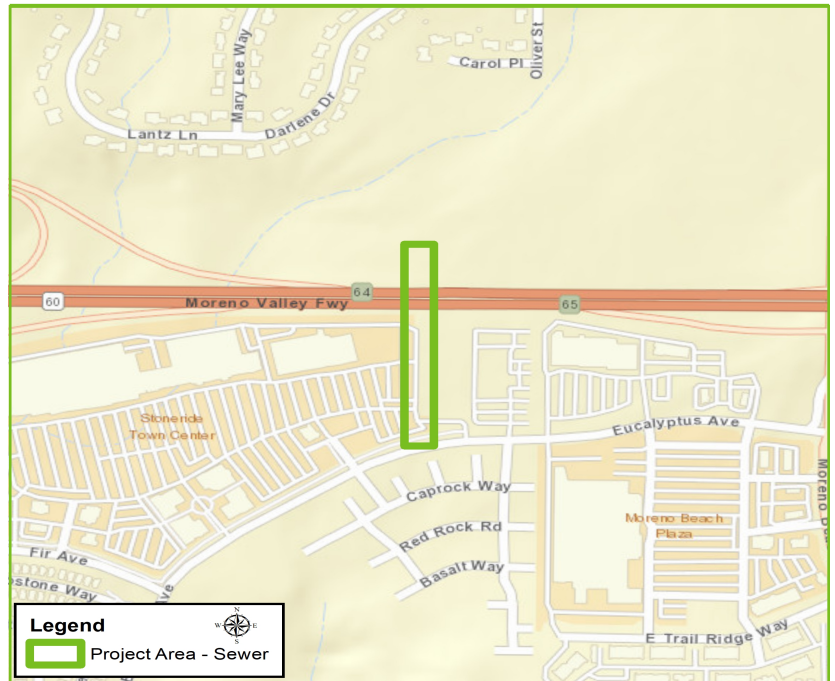
## PROJECT BUDGET

- Estimated Total Project Budget: \$2,496,000
- Estimated Construction Budget: \$2,005,000
- Estimated Grant Percentage: 80%

## 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Moreno Valley Regional Water Reclamation Facility APAD Condition Assessment Phase 1

## PROJECT SUMMARY

Condition assessment of two of the four Moreno Valley Regional Water Reclamation Facility APAD cells to determine structural integrity of structure, remaining useful life, and recommended means of rehabilitation. Project Location: 17140 Kitching Street, Moreno Valley, California 92551.

**CURRENT STATUS:** Planning

## ESTIMATED CONSTRUCTION SCHEDULE

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

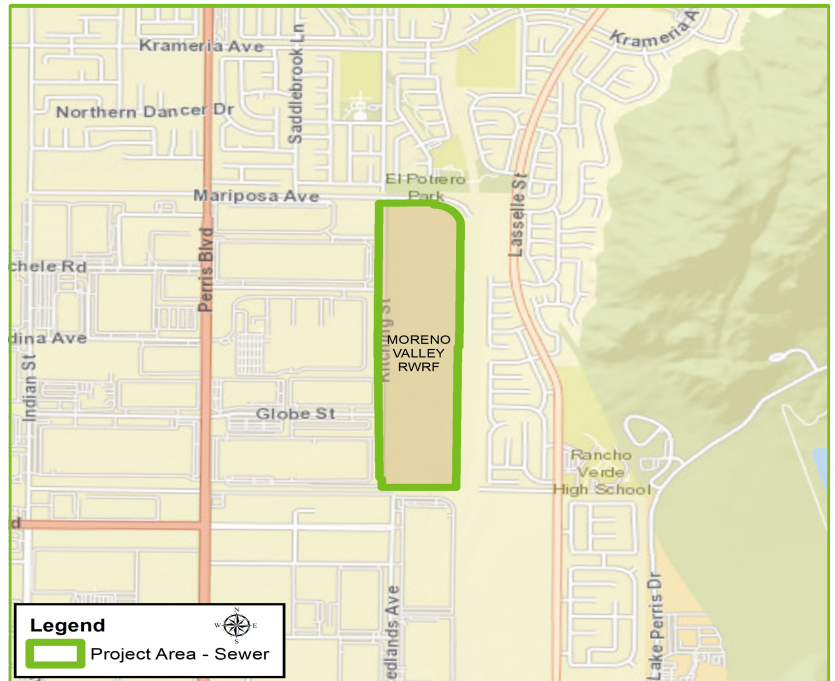
## PROJECT BUDGET

- Estimated Total Project Budget: \$191,000
- Estimated Construction Budget: N/A
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Moreno Valley Regional Water Reclamation Facility Rehabilitation Project I

## PROJECT SUMMARY

This project will provide preliminary and final design for the Moreno Valley Regional Water Reclamation Facility Plant 2A Rehabilitation. In 2019, an operational and condition assessment was performed on Plant 2A. The assessment noted structural, safety, mechanical, and electrical improvements needed to continue with the reliable operation of the Plant. Project Location: 17140 Kitching Street, Moreno Valley, California 92551.

**CURRENT STATUS:** Design

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Spring 2025
- Finish: Fall 2026

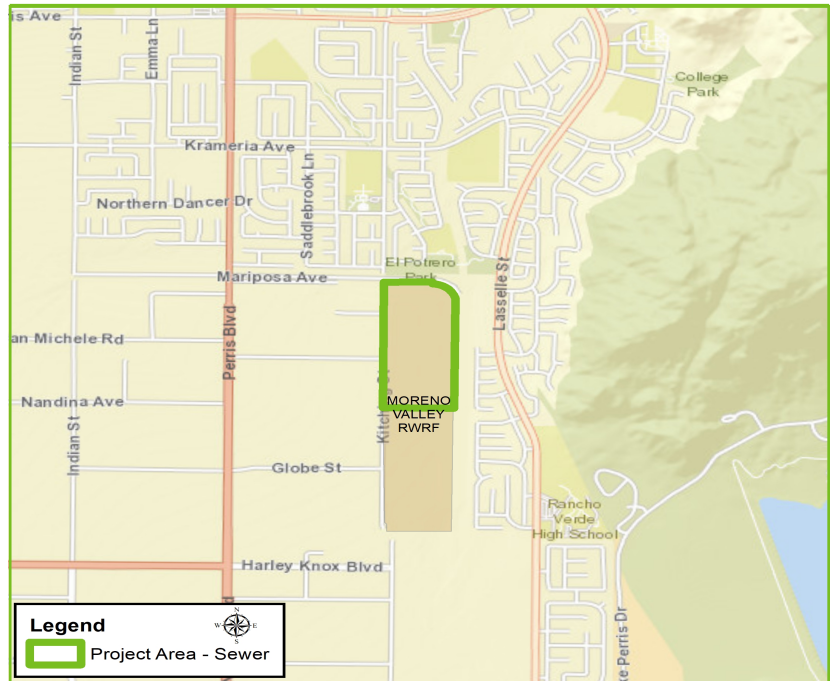
## PROJECT BUDGET

- Estimated Total Project Budget: \$15,000,000
- Estimated Construction Budget: \$12,300,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5

# Moreno Valley Regional Water Reclamation Facility Rehabilitation Project II

## PROJECT SUMMARY

Moreno Valley Regional Water Reclamation Facility (MVRWRF) Plant 2B and Flow Diversion Project is necessary in order to be able to take Plant 1 off-line as it requires significant rehabilitation to continue to provide reliable treatment capacity. The project will allow operations to better manage nutrient loading to the MVRWRF secondary processes and to defer the need to further expand treatment capacity at the MVRWRF by diverting some flow to the Perris Valley Regional Water Reclamation Facility (PVRWRF). Project Location: MVRWRF, 17140 Kitching Street, Moreno Valley, CA 92551.

## CURRENT STATUS:

**Bid / Construction**

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2022
- Finish: Summer 2025

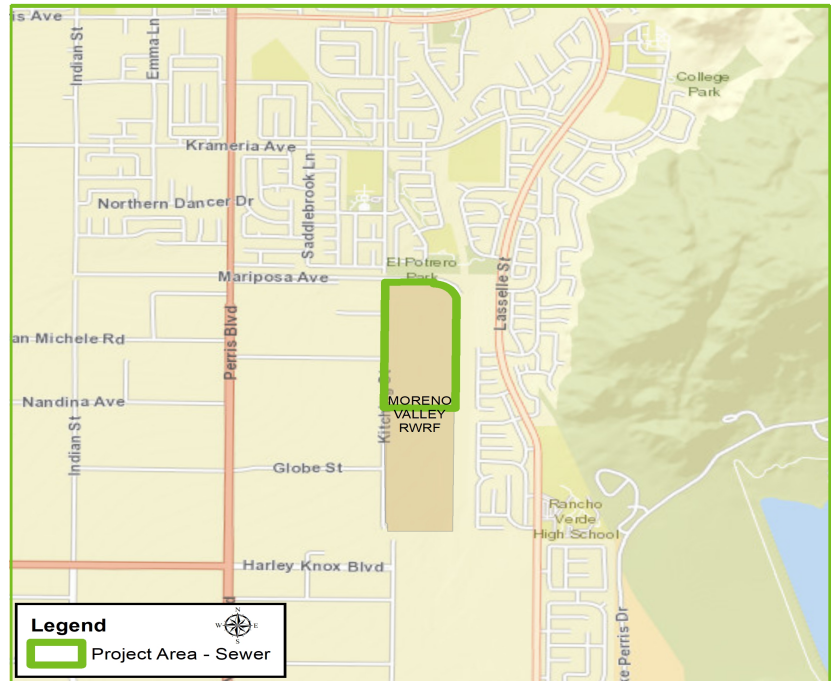
## PROJECT BUDGET

- Estimated Total Project Budget: \$52,158,000
- Estimated Construction Budget: \$49,584,000
- 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: Alma Ramirez  
Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- EMWD BOARD MEMBER:  
Director David J. Slawson  
Division No. 5



# Moreno Valley Regional Water Reclamation Facility Plant-2 Grit Pipe Replacement

## PROJECT SUMMARY

The project will replace existing grit pipes for MVRWRF Plant-2. The existing grit pipes are corroded and leaking. Construction of the replacement pipes will be in a different route. Project Location: MVRWRF, 17140 Kitching Street, Moreno Valley, CA 92551.

**CURRENT STATUS:** Bid / Construction

## ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2022/2023
- Finish: Fall 2023

## PROJECT BUDGET

- Estimated Total Project Budget: \$1,121,000
- Estimated Construction Budget: \$1,100,000
- 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 David J. Slawson  
Division No. 5