Multi-Division Projects
The following projects involve construction that takes place within two or more divisions in EMWD’s service area.
PROJECT SUMMARY
The targeted area is generally confined between north of Cactus Ave., and south of Cottonwood Ave., between Heacock Ave. and Lasselle St. in the City of Moreno Valley. Pipelines, valves and controllers will be installed to create a new pressure zone by converting a portion of the Moreno PZ (1680 PZ) to be regulated from the Pettit PZ (1764 PZ). The new hydraulic grade line will be approximately 1723 ft.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Fall 2020
• Finish: Summer 2022

PROJECT BUDGET
• Estimated Total Project Budget: $2,790,000
• Estimated Construction Budget: $2,324,000
• 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
• PROJECT MANAGER: Gregory Kowalski
• EMWD BOARD MEMBER: Director Multiple Division No. M
Pump Electrification Project - Phase I

PROJECT SUMMARY
This Design/Build project will convert the existing natural gas engine pump drives to electric motors at the Heacock/Pettit (4) and Oleander (1) Booster Pump Stations. Both sites are located in the City of Moreno Valley. The engines will be replaced with premium-efficient electric motors.

CURRENT STATUS:
Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
- Start: Fall 2017
- Finish: Summer 2020

PROJECT BUDGET
- Estimated Total Project Budget: $5,123,000
- Estimated Construction Budget: $4,076,000
- 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: Amanda Fine
  Senior Public Affairs Program Manager
- PHONE: 951-928-3777 ext. 4206
- EMAIL: finea@emwd.org
- PROJECT MANAGER: Gregory Kowalski
- EMWD BOARD MEMBER:
  Director Multiple
  Division No. M

Project Type: WATER
Water System Reliability Analysis

PROJECT SUMMARY
The study will evaluate potential capital projects to improve the water distribution system reliability to meet customer demands during major supply outages over the next 20 years.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE
- Start: N/A
- Finish: N/A

PROJECT BUDGET
- Estimated Total Project Budget: $335,000
- Estimated Construction Budget: N/A
- 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.

MORE INFORMATION
- CONTACT: Kevin Pearson
  Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4219
- EMAIL: pearsonk@emwd.org
- PROJECT MANAGER: Laura Barraza
- EMWD BOARD MEMBER:
  Director Multiple
  Division No. M

Project Type: WATER
District Wide Lift Station Condition Assessment

PROJECT SUMMARY
Evaluate all lift stations within the District to determine condition and any repairs or upgrades required. The product of this study will result in multiple CIP projects for site rehab.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE
- Start: N/A
- Finish: N/A

PROJECT BUDGET
- Estimated Total Project Budget: $503,000
- Estimated Construction Budget: N/A
- 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: Amanda Fine  
  Senior Public Affairs Program Manager
- PHONE: 951-928-3777 ext. 4206
- EMAIL: finea@emwd.org
- PROJECT MANAGER: Erik Jorgensen
- EMWD BOARD MEMBER: 
  Director Multiple 
  Division No. M

Project Type: WASTEWATER
**Lake Perris Sewer Siphon Abandonment**

**CURRENT STATUS:** Bid / Construction

**ESTIMATED CONSTRUCTION SCHEDULE**
- Start: Spring 2020
- Finish: Fall 2020

**PROJECT BUDGET**
- Estimated Total Project Budget: $209,000
- Estimated Construction Budget: $117,000
- 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
- PROJECT MANAGER: Edward Serna Jr
- EMWD BOARD MEMBER:
  Director Multiple
  Division No. M

Project Type: WASTEWATER
Regional Water Reclamation Facility Blower Electrification

PROJECT SUMMARY
Convert existing engine-driven blowers at the MVRWRF, SJVRWRF and TVRWRF to electric motor-driven blowers to address South Coast Air Quality Management District's Rule 1110.2 emissions requirements that will be effective in 2019.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
- Start: Spring 2019
- Finish: Fall 2020

PROJECT BUDGET
- Estimated Total Project Budget: $13,699,000
- Estimated Construction Budget: $9,518,000
- 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
- PROJECT MANAGER: Erik Jorgensen
- EMWD BOARD MEMBER: Director Multiple Division No. M
Regional Water Reclamation Facility Nutrient Loading and Treatment Evaluation

**PROJECT SUMMARY**

2015 RWRF Master Plan developed new approach to identify plant expansion triggers based on daily influent volume, Biochemical Oxygen Demand (BOD)/Total Suspended Solids (TSS)/ammonia loading. Conservation effects have impacted daily influent volumes leading to higher concentrations of BOD, TSS, and ammonia.

**CURRENT STATUS:** Planning

**ESTIMATED CONSTRUCTION SCHEDULE**

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

**PROJECT BUDGET**

- Estimated Total Project Budget: $380,000
- 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: Roxanne Rountree
  Senior Public Affairs Program Manager
- PHONE: 951-928-3777 ext. 4391
- EMAIL: rountrer@emwd.org
- PROJECT MANAGER: Erik Jorgensen
- EMWD BOARD MEMBER:
  Director Multiple Division No. M

Project Type: WASTEWATER
Regional Water Reclamation Facility Side Stream Treatment Planning

PROJECT SUMMARY
The intent of the project is that of developing an approach for nutrient removal using side stream treatment. The project focus will expand to include PVRWRF, TVRWRF, and SJVRWRF. Each of these sites have side stream treatment planned within the existing CIP but the project approach for each site has yet to be determined. The PVRWRF Side Stream Treatment Planning effort will determine the method for implementing nutrient removal using side stream treatment of centrate and/or filtrate at PVRWRF, TVRWRF, and SJVRWRF. The effort will select the technology to be applied, estimate the cost of implementation, as well as, schedule for implementation considering the lead to deliver projects at each site and the current estimated need by date based on increasing loading rates.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE
• Start: N/A
• Finish: N/A

PROJECT BUDGET
• Estimated Total Project Budget: $233,000
• Estimated Construction Budget: N/A
• Estimated Grant Percentage: N/A

PROJECT LOCATION

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.

MORE INFORMATION
• CONTACT: Kevin Pearson
  Public Affairs Officer II
• PHONE: 951-928-3777 ext. 4219
• EMAIL: pearsonk@emwd.org
• PROJECT MANAGER: Erik Jorgensen
• EMWD BOARD MEMBER:
  Director Multiple
  Division No. M
Recycled Water Distribution Study

PROJECT SUMMARY
This effort will refine the service zones for conditioning new development, refine secondary distribution pipelines, develop a funding plan, and recommend policy revisions.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE
- Start: N/A
- Finish: N/A

PROJECT BUDGET
- Estimated Total Project Budget: $189,000
- Estimated Construction Budget: N/A
- 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: Roxanne Rountree
  Senior Public Affairs Program Manager
- PHONE: 951-928-3777 ext. 4391
- EMAIL: rountrer@emwd.org
- PROJECT MANAGER: David Ahles
- EMWD BOARD MEMBER:
  Director Multiple Division No. M
Winchester Recycled Water Pipeline Corrosion Protection

PROJECT SUMMARY

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Summer 2020
• Finish: Winter 2020/2021

PROJECT BUDGET
• Estimated Total Project Budget: $967,000
• Estimated Construction Budget: $677,000
• 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
• PROJECT MANAGER: David Ahles
• EMWD BOARD MEMBER:
  Director Multiple
  Division No. M
Pipeline Corrosion Protection Program

PROJECT SUMMARY
A planning study to determine the steps to develop a Corrosion Protection Program.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE
• Start: N/A
• Finish: N/A

PROJECT BUDGET
• Estimated Total Project Budget: $270,000
• Estimated Construction Budget: N/A
• Estimated Grant Percentage: N/A

PROJECT BENEFIT
EMWD’s mission is to deliver value to our customers and the communities we serve by providing safe, reliable, economical and environmentally sustainable water, wastewater and recycled water services.

MORE INFORMATION
• CONTACT: Kevin Pearson
  Public Affairs Officer II
• PHONE: 951-928-3777 ext. 4219
• EMAIL: pearsonk@emwd.org
• PROJECT MANAGER: David Ahles
• EMWD BOARD MEMBER:
  Director Multiple
  Division No. M

Project Type: GENERAL
Solar Renewable Energy Initiative - Phase III

PROJECT SUMMARY
This project advances the next phase of solar power generation opportunities at the District through SCE’s Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT) and/or Net Energy Metering (NEM) 2.0 programs. Project locations are targeted for the Sun City, Perris, Moreno, San Jacinto, and San Jacinto Regional Water Reclamation Facility North sites.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
- Start: Spring 2019
- Finish: Fall 2020

PROJECT BUDGET
- Estimated Total Project Budget: $12,442,000
- Estimated Construction Budget: $11,300,000
- Estimated Grant Percentage: 94%

PROJECT BENEFIT
EMWD’s mission is to deliver value to our customers and the communities we serve by providing safe, reliable, economical and environmentally sustainable water, wastewater and recycled water services.

PROJECT LOCATION

MORE INFORMATION
- CONTACT: Roxanne Rountree
  Senior Public Affairs Program Manager
- PHONE: 951-928-3777 ext. 4391
- EMAIL: rountrer@emwd.org
- PROJECT MANAGER: Gregory Kowalski
- EMWD BOARD MEMBER:
  Director Multiple
  Division No. M
Project Type: GENERAL

Solar Renewable Energy Initiative Phase III Design Build

PROJECT SUMMARY
This project advances the next phase of solar. This project is for construction and grading of elevated pads (per spec 1345) for proposed PPA solar arrays and consulting services/support during construction for the Site Preparation Construction. The total project cost up to $10.1M will be reimbursed via the PPA.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Spring 2019
• Finish: Summer 2020

PROJECT BUDGET
• Estimated Total Project Budget: $10,735,000
• Estimated Construction Budget: $9,122,000
• Estimated Grant Percentage: 94%

PROJECT BENEFIT
EMWD’s mission is to deliver value to our customers and the communities we serve by providing safe, reliable, economical and environmentally sustainable water, wastewater and recycled water services.

PROJECT LOCATION

MORE INFORMATION
• CONTACT: Roxanne Rountree
  Senior Public Affairs Program Manager
• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Gregory Kowalski
• EMWD BOARD MEMBER:
  Director Multiple
  Division No. M