The following projects involve construction that takes place within two or more divisions in EMWD’s service area.
PROJECT SUMMARY
Provides information for expansion of brackish groundwater well field by identifying future well sites and related exploratory field work to support the District's Desalination Program. Study may qualify for USACE funding with 25% local match. The project total cost of $2,959,333 includes siting study, GW modeling, GW monitoring wells (5), CEQA/NEPA, EMWD labor and contingency. The draft scope distribution may be subject to change.

CURRENT STATUS: Design

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

PROJECT BUDGET
• Estimated Total Project Budget: $95,000
• Estimated Construction Budget: N/A
• Estimated Grant Percentage: 75%

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.

MORE INFORMATION
• CONTACT: Alma Ramirez
  Public Affairs Officer II
• PHONE: 951-928-3777 ext. 4370
• EMAIL: ramireal@emwd.org
• PROJECT MANAGER: Brian Powell
• EMWD BOARD MEMBER:
  Director Multiple Division No. M
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. New 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 which will result in higher pressures for the customers.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Fall 2021
- Finish: Winter 2022/2023

PROJECT BUDGET

- Estimated Total Project Budget: $2,790,000
- Estimated Construction Budget: $2,232,000
- 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
- PROJECT MANAGER: Gregory Kowalski
- EMWD BOARD MEMBER:
  Director Multiple
  Division No. M
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.

PROJECT LOCATION

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
Regional Water Reclamation Facilities Aeration Diffuser Replacement Planning Study

PROJECT SUMMARY
The purpose of this project is to advance a planning study to assess available alternatives to Parkson panels in terms of construction and operating costs, as well as, associated impacts at each RWRF. Planning study will determine a new panel based on a life cycle analysis for each plant (and possibly some pilot testing). The study will select a new aeration system (panel, tube, etc.) for the future replacements. Through an OFA maintenance project it was discovered that the manufacturer will no longer be supporting the type of panel we currently utilize.

CURRENT STATUS: Planning

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

PROJECT BUDGET
- Estimated Total Project Budget: $400,000
- 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: Alma Ramirez
  Public Affairs Officer II
- PHONE: 951-928-3777 ext. 4370
- EMAIL: ramireal@emwd.org
- PROJECT MANAGER:
- EMWD BOARD MEMBER:
  Director Multiple Division No. M
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: Summer 2021

PROJECT BUDGET
- Estimated Total Project Budget: $16,467,000
- 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:
- EMWD BOARD MEMBER:
  Director Multiple
  Division No. M
Regional Water Reclamation Facility Digester Gas Utilization Solicitation

**PROJECT SUMMARY**

Development of a request for interest (RFI) and a request for proposal (RFP) to solicit vendors and/or other parties to accept and utilize digester gas at our four Regional Water Reclamation Facilities (RWRFs). Project Location: 770 N Sanderson Ave. San Jacinto, CA 92583/17140 Kitching St. Moreno Valley, CA 92551/42565 Avenida Alvarado Temecula CA 92590/1301 Case Road Perris CA 92570.

**CURRENT STATUS:** Planning

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

**PROJECT BUDGET**
- Estimated Total Project Budget: $77,000
- 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
- PROJECT MANAGER:
- EMWD BOARD MEMBER:
  Director Multiple Division No. M

Project Type: WASTEWATER
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: $482,000
- 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:
- EMWD BOARD MEMBER:

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 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:
- EMWD BOARD MEMBER:
  Director Multiple Division No. M
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
Emergency Fuel Storage Facilities

**PROJECT SUMMARY**
This project will construct emergency fuel storage and dispensing systems at 8 locations throughout the District service area in order to have a minimum of five days of fuel reserves to operate during the initial days of an emergency event.

**CURRENT STATUS:** Design

**ESTIMATED CONSTRUCTION SCHEDULE**
- Start: Winter 2021/2022
- Finish: Summer 2022

**PROJECT BUDGET**
- Estimated Total Project Budget: $1,858,000
- Estimated Construction Budget: $1,640,000
- 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.

**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
Pipeline Corrosion Protection Program

PROJECT SUMMARY
The Water and Recycled Water Corrosion Protection Program is a District-wide program focused on establishing guidelines and assessment strategies to track and monitor corrosion related data that will assist in recognizing and predicting problems and trends to implement corrective measures.

CURRENT STATUS: Planning

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

PROJECT BUDGET
• Estimated Total Project Budget: $315,000
• 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.

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
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: Winter 2021/2022

PROJECT BUDGET
• Estimated Total Project Budget: $2,884,000
• Estimated Construction Budget: $1,742,000
• 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