Division 2: The City of Temecula, the southern and eastern portions of the City of Murrieta and Wine Country.
Hunter Tank Interior Recoating

PROJECT SUMMARY
Recoating tank interior; add new safety rails, perimeter roof vents, and safety grating at roof hatch. Project location 29050 Hunter, Murrieta.

CURRENT STATUS: Bid / Construction

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

PROJECT BUDGET
• Estimated Total Project Budget: $853,000
• Estimated Construction Budget: $0
• 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: Roxanne Rountree
  Senior Public Affairs Program Manager
• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Edward Serna Jr
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2
Calle Medusa Sewer Line Erosion Protection

PROJECT SUMMARY
The District's 10-inch gravity sewer line located in the Lennar and Meadow View property south west of Calle Medusa in the City of Temecula. Possibly a "Protection Project". The project should either install erosion protection or select a new alignment for the sewer line.

CURRENT STATUS: Planning

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

PROJECT BUDGET
- Estimated Total Project Budget: $1,024,000
- Estimated Construction Budget: $800,000
- 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: 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 Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
PROJECT SUMMARY

The Diaz Sewage Lift Station Replacement will consist of 655 LF of 33-inch diameter gravity sewer from the existing Diaz Lift Station to the proposed lift station. The proposed lift station will be approximately 700 feet north of the existing Diaz Lift Station along the west bank of the Murrieta Creek. The depth of the gravity sewer will vary from 25' to 29' at the proposed lift station site. The wet well will be approximately 46' deep and the lift station will convey an ultimate wet weather peak (WWP) flow of 12 MGD. In addition, approximately 925 linear feet of existing 8-inch diameter gravity sewer along Diaz Road will be replaced with a 15-inch diameter gravity sewer and connected to the new lift station. The lift station will be located at the intersection of Diaz Road and Rancho Way.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Winter 2020/2021
- Finish: Winter 2023/2024

PROJECT BUDGET

- Estimated Total Project Budget: $17,147,000
- Estimated Construction Budget: $13,518,000
- 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: 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 Stephen J. Corona
  Division No. 2
Golden Triangle Sewer Infrastructure

PROJECT SUMMARY
The project includes a 15-inch diameter sewer that can serve ultimate upstream demands as well as the Golden Triangle development with a crossing of Murrieta Hot Springs Road and a jack and bore sewer pipeline across the I-15 freeway to existing sewer in Guava Street.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Winter 2020/2021
• Finish: Winter 2021/2022

PROJECT BUDGET
• Estimated Total Project Budget: $2,500,000
• Estimated Construction Budget: $1,950,000
• 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: 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 Stephen J. Corona
  Division No. 2
Pala Lift Station Electrical Upgrade

PROJECT SUMMARY
Located at the existing Pala Sewer Lift Station in south Temecula, this project will replace electrical equipment that is damaged by hydrogen sulfide and is approaching the end of its useful life.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Winter 2019/2020
• Finish: Winter 2020/2021

PROJECT BUDGET
• Estimated Total Project Budget: $3,677,000
• Estimated Construction Budget: $3,327,000
• 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: Roxanne Rountree
  Senior Public Affairs Program Manager
• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Edward Serna Jr
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
Pala Lift Station Force Main - Phase I

PROJECT SUMMARY
Construction of a 24-inch diameter force main in Temecula. The pipeline runs northwest from 1st Street southwest of Pujol Street, north along Vincent Moraga Dr and Diaz Road, to the Diaz Lift Station 1/4 mile north of Rancho California Road.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
- Start: Fall 2018
- Finish: Summer 2020

PROJECT BUDGET
- Estimated Total Project Budget: $5,101,000
- Estimated Construction Budget: $4,040,000
- 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: 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 Stephen J. Corona
  Division No. 2
PROJECT SUMMARY
The study will develop a phasing plan to extend sewer infrastructure into the Southern Wine Country Community Plan area. Phasing plan will accommodate recent development inquiries in the area, and provide refined cost estimate for each phased increment.

CURRENT STATUS: Planning

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

PROJECT BUDGET
- Estimated Total Project Budget: $102,000
- 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.

MORE INFORMATION
- CONTACT: Roxanne Rountree
  Senior Public Affairs Program Manager
- PHONE: 951-928-3777 ext. 4391
- EMAIL: rountrer@emwd.org
- PROJECT MANAGER: Laura Barraza
- EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2
Temecula Valley Inflow and Infiltration Investigation

PROJECT SUMMARY
During the storm on Feb. 14-15, 2019, significant flows entered the TVRWRF. All pumps at Diaz, Warm Springs, Pujol, and Pala Lift Stations were running during the event. This study will investigate the potential sources of Inflow & Infiltration (I&I) for analysis and recommended improvements. Project location: Temecula Valley RWRF Service Area

CURRENT STATUS: Planning

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

PROJECT BUDGET
- Estimated Total Project Budget: $98,000
- 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: Laura Barraza
- EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
Temecula Valley and San Jacinto Valley Regional Water Reclamation Facility Lighting Upgrade

PROJECT SUMMARY
This project will replace existing light fixtures at the TVRWRF and SJVRWRF with energy efficient LED fixtures. Project Location: TVRWRF - 42565 Avenida Alvarado, Temecula, CA 92590, SJVRWRF - 770 N. Sanderson Ave., San Jacinto CA 92583.

CURRENT STATUS: Design

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

PROJECT BUDGET
• Estimated Total Project Budget: $1,476,000
• Estimated Construction Budget: $1,400,000
• 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.

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 Stephen J. Corona
  Division No. 2
PROJECT SUMMARY
A Combined Heat and Power project is under consideration for the TVRWRF. This study assesses feasibility, estimates capital and operating costs, and identifies the interconnections required within the facility, as well as, coordination with Southern California Edison Project location: TVRWRF 4265 Avenida Alvarado, Temecula, CA 92590

CURRENT STATUS: Planning

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

PROJECT BUDGET
• Estimated Total Project Budget: $99,000
• 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.
Temecula Valley Regional Water Reclamation Facility Digester Gas Beneficial Use

PROJECT SUMMARY
The TVRWRF Digester Gas Beneficial Use Project will design digester gas line from the DG storage facility to TEPS.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
- Start: Summer 2021
- Finish: Fall 2022

PROJECT BUDGET
- Estimated Total Project Budget: $4,178,000
- Estimated Construction Budget: $3,426,000
- 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: 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 Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
Temecula Valley Regional Water Reclamation Facility Hot Water Boiler Installation

PROJECT SUMMARY
This project adds two hot water boilers at the TVRWRF. The new boilers will provide heat to operate the digesters. The project location is 42565 Avenida Alvarado, Temecula.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Winter 2019/2020
• Finish: Fall 2020

PROJECT BUDGET
• Estimated Total Project Budget: $2,230,000
• Estimated Construction Budget: $2,158,000
• 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: 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 Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
PROJECT SUMMARY
To renovate and update the TVRWRF multi-purpose room with new furnishing and interior design to improve plant operations.

CURRENT STATUS: Planning

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Summer 2021
• Finish: Winter 2021/2022

PROJECT BUDGET
• Estimated Total Project Budget: $543,000
• Estimated Construction Budget: $400,000
• 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.

MORE INFORMATION
• CONTACT: Roxanne Rountree
  Senior Public Affairs Program Manager
• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Edward Serna Jr
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2
Temecula Valley Regional Water Reclamation Facility Plant 2
Air Line Replacement

PROJECT SUMMARY
The proposed project will replace approximately 400 feet of corroded pipeline and provide cathodic protection to prevent future corrosion damage. The air lines are below ground at the TVRWRF from the Plant 1 blower building to points of connection on the east and west sides of the Plant 2 aeration basins.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Winter 2018/2019
• Finish: Spring 2020

PROJECT BUDGET
• Estimated Total Project Budget: $2,776,000
• Estimated Construction Budget: $2,376,000
• 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: 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 Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
PROJECT SUMMARY
Perform a detailed hydraulic assessment of the TVRWRF site and implement constructed improvements to mitigate the occurrence of ponding adjacent to electrical buildings and infrastructure during intense storm events.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Spring 2021
• Finish: Winter 2021/2022

PROJECT BUDGET
• Estimated Total Project Budget: $3,342,000
• Estimated Construction Budget: $2,790,000
• 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.
Temecula Valley Regional Water Reclamation Facility TEPS Catalyst Relocation and TECOGEN

PROJECT SUMMARY
The proposed platform modification aims to make operation and maintenance of the engines safer. The emission control component is proposed to be located on top of the platform deck for easier access. The installation will include two catalytic converters, an engine exhaust heat exchanger, silencers, and fuel blending. Project Location 42565 Avenida Alvarado, Temecula.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Summer 2021
• Finish: Fall 2022

PROJECT BUDGET
• Estimated Total Project Budget: $1,684,000
• Estimated Construction Budget: $1,200,000
• 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: Roxanne Rountree
  Senior Public Affairs Program Manager
• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Edward Serna Jr
• EMWD BOARD MEMBER: Director Stephen J. Corona
  Division No. 2
Warm Springs Lift Station Electrical Equipment Replacement

PROJECT SUMMARY
Replace the existing corroded electrical equipment including MCC cabinets and components. The proposed electrical equipment will be installed in an outdoor location to reduce exposure to corrosive gasses. The Warm Springs Lift Station is located along Diaz Rd, in the City of Temecula.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Winter 2020/2021
• Finish: Winter 2021/2022

PROJECT BUDGET
• Estimated Total Project Budget: $2,485,000
• Estimated Construction Budget: $1,922,000
• 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.

MORE INFORMATION
• CONTACT: Roxanne Rountree
  Senior Public Affairs Program Manager
• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Edward Serna Jr
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
Warm Springs Lift Station Upstream Sewer Rehab

PROJECT SUMMARY
Warm Springs Lift Station rehabilitation, including field investigation of the wet well, contract on-call contractor to perform localized excavation to alleviate stress on the existing wet well, and perform condition assessments of upstream trunk sewers and manholes. Project Location: 27900 Diaz Road, Temecula, at Zevo Drive, and tributary sewers from Warm Springs Lift Station to intersection of Highway 15

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
- Start: Spring 2021
- Finish: Summer 2022

PROJECT BUDGET
- Estimated Total Project Budget: $18,218,000
- Estimated Construction Budget: $14,800,000
- 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: 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 Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
PROJECT SUMMARY
The TVRWRF 23 MGD Expansion project includes expanding the Tertiary Effluent Pump Station Capacity to 34.5 MGD. To operate at this higher flow rate, the District will design and construct 15,400 LF of new/parallel 36-inch effluent pipeline from the TVRWRF Effluent Pump Station to 1,320 ft past Elm Street in the future alignment of Washington Avenue.

CURRENT STATUS: Bid / Construction

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Fall 2018
• Finish: Summer 2020

PROJECT BUDGET
• Estimated Total Project Budget: $13,084,000
• Estimated Construction Budget: $11,164,000
• Estimated Grant Percentage: 24%

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 Stephen J. Corona
  Division No. 2
Temecula Valley Recycled Water Pipeline - Phase II

PROJECT SUMMARY
Phase II consists of 1,000 LF of new 24-inch pipeline and utilizing an existing 1,000 LF of RCWD pipeline for the Murrieta Creek Crossing. Located in the City of Murrieta near the Intersection of Elm St and Washington Ave.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Fall 2020
• Finish: Spring 2021

PROJECT BUDGET
• Estimated Total Project Budget: $2,610,000
• Estimated Construction Budget: $2,500,000
• Estimated Grant Percentage: 24%

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 Stephen J. Corona
  Division No. 2

Project Type: RECYCLED