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: $1,184,000
• Estimated Construction Budget: $1,027,000
• 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: 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: WATER
Calle Medusa Sewer Line Erosion Protection

PROJECT SUMMARY
The District's 10-inch gravity sewer line located in the Lennar and Meadow View property southwest 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: Design

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

PROJECT BUDGET
• Estimated Total Project Budget: $944,000
• Estimated Construction Budget: $720,000
• 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
Diaz Lift Station Replacement

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: Summer 2023
- Finish: Summer 2025

PROJECT BUDGET
- Estimated Total Project Budget: $15,882,000
- Estimated Construction Budget: $12,166,000
- 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: Spring 2021
- Finish: Spring 2022

PROJECT BUDGET
- Estimated Total Project Budget: $1,702,000
- Estimated Construction Budget: $1,316,000
- 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
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- PHONE: 951-928-3777 ext. 4391
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- PROJECT MANAGER: Erik Jorgensen
- EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
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: Spring 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 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
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- 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 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: Summer 2022
- Finish: Spring 2023

**PROJECT BUDGET**

- Estimated Total Project Budget: $1,336,000
- Estimated Construction Budget: $1,260,000
- 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.

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**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: $113,000
• 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: Winter 2021/2022
• Finish: Spring 2023

PROJECT BUDGET

• Estimated Total Project Budget: $3,835,000
• Estimated Construction Budget: $3,083,000
• 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
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• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Erik Jorgensen
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2
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: Winter 2020/2021

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
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• PHONE: 951-928-3777 ext. 4391
• EMAIL: rountrer@emwd.org
• PROJECT MANAGER: Erik Jorgensen
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2
Temecula Valley Regional Water Reclamation Facility Multi Purpose Building Retrofit

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

CURRENT STATUS: Design

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

PROJECT BUDGET
• Estimated Total Project Budget: $503,000
• Estimated Construction Budget: $360,000
• 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

Project Type: WASTEWATER
Temecula Valley Regional Water Reclamation Facility
Stormwater Assessment and Improvement

PROJECT SUMMARY
Perform a detailed hydrologic 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: Summer 2021
- Finish: Spring 2022

PROJECT BUDGET
- Estimated Total Project Budget: $3,063,000
- Estimated Construction Budget: $2,511,000
- 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
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: Winter 2021/2022
• Finish: Spring 2023

PROJECT BUDGET
• Estimated Total Project Budget: $1,564,000
• Estimated Construction Budget: $1,080,000
• 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
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• PROJECT MANAGER: Edward Serna Jr
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
PROJECT SUMMARY
Collections observed broken articulated concrete blocks and headcutting of concrete encasement providing protection for a gravity sewer crossing Warm Springs Creek. Staff is advancing a study of the creek to determine the erosion potential of the creek and a conceptual design for a long-term erosion protection. Project location: Murrieta, CA, in an undeveloped property approximately a half mile southeast of the confluence of the I-15 and I-215. EMWD Parcel #916-010-027.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE
• Start: Spring 2021
• Finish: Summer 2021

PROJECT BUDGET
• Estimated Total Project Budget: $2,117,000
• Estimated Construction Budget: $1,500,000
• 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: Erik Jorgensen
• EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2
PROJECT SUMMARY

Warm Springs Lift Station Replacement Project is the design and construction of a new regional sewage lift station, including site work, yard piping, off-site piping, civil paving and grading, structural, architectural, mechanical, electrical and instrumentation, infrastructure in support of future odor control system, landscaping features as required, subsurface investigation, and demolition of the existing lift station. Project is located at 27900 Diaz Road, in the City of Temecula, at intersection of Zevo Drive.

CURRENT STATUS: Design

ESTIMATED CONSTRUCTION SCHEDULE

- Start: Summer 2022
- Finish: Fall 2024

PROJECT BUDGET

- Estimated Total Project Budget: $17,415,000
- Estimated Construction Budget: $14,670,000
- 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
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- PHONE: 951-928-3777 ext. 4391
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- PROJECT MANAGER: Erik Jorgensen
- EMWD BOARD MEMBER:
  Director Stephen J. Corona
  Division No. 2

Project Type: WASTEWATER
PROJECT SUMMARY
The pavement is cracking and settlements have been observed above the sewer backfill area along Rancho California Road in between Anza Road and Monte De Oro Road. The purpose of the project at this time is to perform geotechnical evaluation and to develop mitigation plans for trench settlement. Project location is Rancho California Road in between Anza Road and Monte de Oro Road, incorporated area of the County of Riverside.

CURRENT STATUS: Planning

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

PROJECT BUDGET
- Estimated Total Project Budget: $100,000
- 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
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- PHONE: 951-928-3777 ext. 4391
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- PROJECT MANAGER: Erik Jorgensen
- 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: Spring 2021
• Finish: Winter 2021/2022

PROJECT BUDGET
• Estimated Total Project Budget: $2,360,000
• Estimated Construction Budget: $2,250,000
• 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
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• PROJECT MANAGER: David Ahles
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  Division No. 2