

Appendix M.
CIP Projects and Budget

2019 - 2020 5 YEAR CAPITAL IMPROVEMENT PROGRAM

SORTED BY TYPE

FACILITY TYPE: **SEWER**

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
1ST ST AND CAMINO LOS BANOS 15 INCH REPLACEMENT	00724020	9/28/2024	\$ 1,137,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		1/16/2028								
Priority:		Location/Description: 1st St from Mistletoe Ave to Camino Los Banos to Peach St - 2,400 ft of 15" pipe □								
Ext. Fund Potential:		Justification: Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)								
Current Stage: Proposed		Comments: 02/26/2018- The need by date was pushed out to 06/30/2027 (from 06/30/2022) per Demian's comments received on the 10 year CIP report on 02/26/18. A copy is in Rania's folder. Project was rebased. RO □								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
A ST 15 INCH EXPANSION	00723420	9/28/2024	\$ 2,252,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		1/16/2028								
Priority:		Location/Description: On A St from Mapes Rd to SW to River Rd and Riverwoods Dr - 4,750 ft of 15" pipe								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 02/26/2018- Project construction finish date got pushed out to 06/30/2027 (from 06/30/2025) per CIP comments from Demian B. 10 Year CIP comments. Project was rebased. RO □								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
ANNUAL ALLOCATION - MISC. SYSTEM IMPRV. - SEWER	00083500	7/1/2021	\$ 1,500,000	\$ 0	\$ 0	\$ 250,000	\$ 250,000	\$ 250,000	\$ 750,000	
Project Engineer:		6/30/2026								
Priority: Ongoing		Location/Description: Perform recurring maintenance of Transmission Facilities □								
Ext. Fund Potential: Low / Not Likely		Justification: To ensure system reliability and improve efficiency. □								
Current Stage: Proposed		Comments: 10/30/15 Per 10/26/15 CIP Deferral Mtg, Budget reduced each yr to 250,000, bringing total budget log from 5M to 2.5M cg11/19/2015- Program revised to Sewer Transmission. Added \$1M allocation to years 18/19,19/20 and 20/21. RO3/14/16 Per email from RO, delete FY16/17 allocations since projects starting in the next FY have been defined already. cg3/17/16: Per email from RO: change allocation from \$1M to \$250K in years 18/19, 19/20, and 20/21. sw4/26/16: Per CIP Edits received from RO, remove FY 16/17, 17/18, & 18/19. Budget Log changed to \$1.750,000. sw □								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	



FACILITY TYPE:

SEWER

BELLE TERRE 12 INCH EXPANSION	00723590	1/31/2025	\$ 2,457,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		5/20/2028								
Priority:	Location/Description:	From Belle Terre Development to Mc Colery Rd - 4,800 ft of 12" pipe□								
Ext. Fund Potential:	Justification:	Development driven (Deficiency type:Expansion)								
Current Stage: Proposed	Comments:	02/26/2018- Project construction finish date was revised from 06/30/2025 to 06/30/2023 per 10 year CIP comments provided by Demian B. Project was rebased. RO 5/1/18 Per CIP edits, project finish date has been revised from 9/28/23 to 1/30/28 and project was rebased. JC□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
BENTON RD AND WASHINGTON ST 12 INCH EXPANSION	00723580	2/1/2022	\$ 4,382,000	\$ 0	\$ 0	\$ 0	\$ 231,620	\$ 485,978	\$ 2,302,894	\$ 3,020,492
Project Engineer:		1/31/2025								
Priority:	Location/Description:	Benton Rd and Washington St between Moser Rd and Autumn Glen Cir - 9,080 ft of 12" pipe□								
Ext. Fund Potential:	Justification:	Development driven (Deficiency type:Expansion)								
Current Stage: Proposed	Comments:	02/26/2018- Project need by date was revised to 06/30/2023 per 10 Year CIP edits provided by Demian B. Project was rebased. RO.5/1/18 Per CIP edits, project finish date has been revised from 9/28/23 to 01/31/25 and project was rebased. JC□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
CALLE MEDUSA GRAVITY SEWER LINE	00725420	8/30/2021	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 181,387	\$ 818,613	\$ 0	\$ 1,000,000
Project Engineer:		6/26/2023								
Priority:	Location/Description:	The District's 10-inch gravity sewer line located in the Lennar 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.								
Ext. Fund Potential:	Justification:	The pipeline was recommended as part of the easement encroachment evaluation program from Real Property. The Pipeline is near a drainage channel and subject to erosion damage.								
Current Stage: Proposed	Comments:	3/15/19 Per CIP meetings and email from Jeff Wall to Matt Melendrez, project has been added with a 6/2023 need by date and a budget of \$1M.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
CASE RD 21 INCH REPLACEMENT	00720820	12/5/2023	\$ 2,208,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 168,818	\$ 168,818
Project Engineer:		12/12/2026								
Priority: Low	Location/Description:	500 ft of 18" pipe, 3,480 ft of 21" pipe from 500' north-west of Case rd and Ellis Ave to near the San Jacinto River. This project is part of Master Plan project PVSC-101. The rest of PVSC-101 that is not part of this project was constructed as "Case Rd Sewer", CIP ID 00721380.								
Ext. Fund Potential: Low / Not Likely	Justification:	The gravity main along Case Road will be evaluated to determine if any upgrades are needed to convey build out flow. If the existing Case Road sewer does not have capacity, options will be developed for conveying the flow in different alignments.□								



FACILITY TYPE:

SEWER**Current Stage:** Proposed**Comments:**

CIP Review Meeting on schedule changes 10/30/09. 11/5/09 LFP email from Erik J. and direction from Rania 10/15/13, project start date moved to Jan. 2014....cg03/18/2014- Pushed project start date to 01/2015 per EJ and JJW-RO9/8/14 Facility Planning phase being done under separate project (Case Road Phas 1 & 2 Sewer Study- estimated completion of 2/15/15,)10/30/2015: This project was deferred to 09/2020 per the latest CIP Executive deferral meeting held on 10/26/2015. RO11/2/15: This project was deferred to 09/2020 per the latest CIP Executive deferral meeting held on 10/26/2015 and has been rebased. sw11/09/2015- Per our CIP meeting today, Erik mentioned that this is a developer driven project and should be moved outside the 5 Year CIP. RO11/19/2015- Project start date pushed back to 07/2019 per JM. RO11/19/15: rebased project per email from RO. bt4/26/16: Per CIP Edits received from RO; change start date from 7/29/2019 to 7/29/2022, project rebased. sw 2/27/18 Per CIPP edits project was retitled from Case Road Sewer Pipeline Ph I & II to Case Rd 21 Inch Replacement along with modifications to description and budget cost. JC5/1/18 Per CIP edits, project finish date has been revised from 4/24/25 to 08/31/26 and project was rebased. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
CAWSTON LS PARALLEL 16-20 INCH FORCEMAIN	00723980	7/1/2024	\$ 12,157,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		10/19/2027								
Priority:		Location/Description:	Cawston LS - 9,660 ft of 16" pipe, 12,590 ft of 20" pipe <input type="checkbox"/>							
Ext. Fund Potential:		Justification:	Development driven (Deficiency type:Capacity)							
Current Stage: Proposed		Comments:	06/28/2017- Project start date pushed out 1 year per Laura Barazza and Brian Powell. The revision was a result of a CIP vetting meeting held on 06/28/2017. RO 5/10/18 Per CIP edits, project finish date has been revised from 6/30/22 to 6/30/23 and project was rebased. JC5/16/18 Per CIP edits, project finish date has been revised from 6/30/23 to 6/30/24 and project was rebased. JC3/4/19 Per CIP edits, project start date modified from 1/2021 to 7/2024.CMD							

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
CAWSTON LS PUMP REPLACEMENT & FORCEMAIN RE-ROUTING	00722390	4/5/2023	\$ 1,141,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 31,910	\$ 181,936	\$ 213,846
Project Engineer:		7/8/2025								
Priority: Medium		Location/Description:	Cawston LS pump replacement and forcemain re-routing. <input type="checkbox"/>							
Ext. Fund Potential: Not Applicable		Justification:								
Current Stage: Proposed		Comments:	4/21/16 Add new project per Demien Boettcher CIP Wastewater Collections spreadsheet. sw3/4/19 Per CIP edits, project start date modified from 4/2020 to 5/2023.CMD							

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
CITY OF PERRIS SEWER ASSESSMENT	00725510	2/15/2019	\$ 65,500	\$ 31,737	\$ 33,763	\$ 0	\$ 0	\$ 0	\$ 0	\$ 33,763
Project Engineer: Jorgensen, Erik L. X4471		5/28/2020								
Priority:		Location/Description:	The City of Perris currently owns and operates a sewer collection system. Under this project, the District will perform a brief high-level study of the City's sewer collection system to assess its condition and estimate the cost to improve the system to meet District standards.							
Ext. Fund Potential:		Justification:								



FACILITY TYPE:

SEWER**Current Stage:** Facilities Planning**Comments:**

4/3/19 Per Erik J, project has been added in order to track on ProjectPlus. JC 7/29/19 Per email from John W, finish date has been extended by 9 months (finish date modified from 8/2019 to 5/2020) and budget has been increased by \$24K (from \$41,500 to \$65,500).JC

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
CUPENO LN 30 INCH REPLACEMENT	00723960	9/28/2024	\$ 2,138,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		1/16/2028								
Priority:		Pechanga Dr and Cupeno Ln between La Paz Rd and Pechanga Pkwy - 2,420 ft of 30" pipe								
Ext. Fund Potential:		Justification: Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)								
Current Stage: Proposed		Comments: 02/26/18- Construction finish date was pushed out to 06/30/2027 per 10 Year CIP edits from Demian B. Project was rebased. RO								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
DAY ST LIFT STATION WETWELL PIPING REPLACEMENT	00724060	8/17/2017	\$ 900,000	\$ 46,442	\$ 61,725	\$ 784,193	\$ 7,640	\$ 0	\$ 0	\$ 853,558
Project Engineer: Allred, Jeffrey X4296		8/31/2021								
Priority: High		Location/Description: Replacement of wetwell piping at Day St. Lift located at 13434 Day St. in Moreno Valley.								
Ext. Fund Potential: Low / Not Likely		Justification: Existing ductile iron pipe is severely damaged by corrosion and has reached the end of its useful life.								
Current Stage: Final Design		Comments: 6/12/18 Per RO's email from M. Serna project has been rebased. JC8/7/18 Per J. Allred, spec review has been pushed out to 4/1/2020.JC3/5/19 Per J.Allred, design phase hasn't really started, contractor has not yet been officially selected as complete project scope is still being discussed. Project is remaining as is for now. CMD3/18/19: Per discussion with Rania, Ed Serna, and Charles, project cut from maintenance EPS.CMD7/26/19 Per CIP edits approved by John W. budget increased from \$230K to \$900K.JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
DE ANZA LIFT STATION REPLACEMENT AND EXPANSION	00073520	5/12/2023	\$ 13,900,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 279,544	\$ 1,708,887	\$ 1,988,431
Project Engineer:		8/21/2026								
Priority: Low		Location/Description: Replace the existing lift station and increase capacity to 5,000 gpm located at DeAnza LS. West side of Sanderson Avenue north of De Anza Drive; Address: 1750 N. Sanderson Avenue, San Jacinto								
Ext. Fund Potential: Not Applicable		Justification: To accommodate growth.								



FACILITY TYPE:

SEWER**Current Stage:** Proposed**Comments:**

Project to be started after the completion of Sanderson and North San Jacinto Phase I is complete. 10/19/15 Per 10/19/15 Executive FY16/17 5 year CIP meeting, extend project out 2 years. sw10/30/2015- This project was deferred to 04/2021 per the latest CIP Executive deferral meeting held on 10/26/2015. 11/2/15 - This project was rebased per the following: this project was deferred to 04/2021 per the latest CIP Executive deferral meeting held on 10/26/2015. sw11/19/2015- Project start date revised to 08/2018 per JM. RO11/20/15 Project was rebased per email from RO. bt4/21/16 Per Demien Boettcher CIP Wastewater Collections - change budget from \$5,788,800 to \$13,865,000. sw 5/19/16 Per DBoettcher email, prj was split from De Anza LS Exp and Forcemain into 2, project budget revised to from 13.8M to 13.9M for this portion and Forcemain to 4.0 M. Schedule for this project updated to complete in 6/2023 (was 10/2020). Project rebased. cg3/13/17: Per AGM on 3/10/17; change project start date from 4/12/21 to 4/12/20, project rebased. sw6/20/17 Per email from Demain, as a result of the planning study, expansion will be changed from 6,500 gpm to 5,000 gpm. bt 06/28/2017- Project start date got pushed out 1 year per Laura Barazza and Brian Powell as a result of a CIP vetting meeting held on 06/28/17. RO 02/27/2018: Project finish date got pushed out to 01/21/2025 per CIP edits provided by Demian B. on 02/27/2018. The project was rebased. RO5/7/18; Project need by pushed out to 2026 per Joe Mouawad. Project rebased. RO5/29/18: Per Laura Barazza project finished date modified from 1/21/26 to 8/21/2026. Project was rebased. □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
DIAZ SEWAGE LIFT STATION REPLACEMENT	00097200	4/10/2004	\$ 17,146,882	\$ 2,041,881	\$ 256,920	\$ 1,563,539	\$ 5,533,741	\$ 5,864,188	\$ 585,759	\$ 13,804,147

Project Engineer: Chen, William J X6208

10/19/2023

Priority: High

Location/Description:

This project consists of 655 LF of 33-inch gravity sewer from the existing Diaz Lift Station to the proposed lift station. The new lift station will be approximately 700 ft north of the existing Diaz LS along the west bank of the Murrieta Creek at the intersection of Diaz Rd and Rancho Way. The wet well will be approx. 46' ft deep and the lift station will convey an ultimate wet weather peak (WWP) flow of 12 MGD. In addition, approx. 925 lf of existing 8-inch gravity sewer along Diaz Rd will be replaced with a 15-inch gravity sewer and connected to the new lift station.

Ext. Fund Potential: Not Applicable

Justification:

Given the age, capacity, and restricted footprint of the existing lift station, a new lift station is required to convey wastewater flows to the TVRWRF headworks. The proposed lift station will allow for greater capacity, adequate maintenance, and safer operation.

Current Stage: Spec Review

Comments:

Rebased 12/3/07, however, with the holidays schedule has already slipped since that date. Resource allocation updated 10/19/09 ssh. 10/30/09 CIP Review Meeting - Schedule changes 11/5/09 LF. Rebased per CIP Review 11/6/09ssh. Project rebased per WWET 1/8/10 ssh. Rebased due to referral 4/30/10 ssh. Rebased per WWET 3/3/11 ssh. Project shelved on 3/13/12 ssh. 03/20/2014: Update contract was pushed out to 2018 per JM and CB. RO 5/6/15- Project moved to inactive per direction of JWard and email from Rania 5/6/15 cg5/19/16 Per email from Laura Barazza; move to planned and change need by date from 11/17/2020 to 6/30/2021 (end of 5 year CIP), project rebased. sw 5/19/16 Changed Start Up milestone to Subst Completion; removed New Lift Station Start Up & Testing milestone and Demoliton of Existing Lift Station milestone to conform with schedule standards. sw3/8/17 Extended Spec Review 3 months, finish date from 3/10/17 to 6/10/17 and rebased per AGM in our CIP meeting dated 3/7/17. cg6/14/17 Per email dated 6/8/17 rebase request extend Spec Review finish date from 6/10/17 to 10/25/17, project rebased. sw 6/22/17: Per direction from Marc Serna, Bid Award start has been moved from 6/11/17 to 11/8/17 (based on information dated prior to 6/14/17 rebase), and the project has been rebased. bt1/26/18: Per PE's request to rebase schedule by approximately 6 months to include board approval of funding and completion of the additional dewatering study, the project was rebased. JC2/13/18 Per CIPP Edit Log provided by Damien this project's construction finish date changed from 3/9/20 to 2/12/20. Project has been rebased. JC3/19/18 Per RO's email, total project cost increased from \$12,413,400 to \$16,400,000. JC5/07/18: Pushed project need by out 1 year to 2026, per Joe Mouawad. RO5/9/18: Per John Ward project contract docs pushed out to 7/18/2019 and project was rebased. ND 5/11/2018: Total project cost increased from \$16.4M to \$18M per Marc Serna. RO 5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC1/22/19 Per approved rebase request project was rebased. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
DIAZ SEWER MODIFICATION	00725650	8/27/2019	\$ 2,000,000	\$ 0	\$ 293,000	\$ 758,350	\$ 948,650	\$ 0	\$ 0	\$ 2,000,000

Project Engineer:

3/30/2022



FACILITY TYPE:

SEWER

Priority:

Location/Description: □

Ext. Fund Potential:

Justification:

Current Stage: Proposed

Comments:

7/29/19 Per CIP edits approved by John W, project was added with \$2M budget.JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
DISTRICT WIDE LIFT STATION CONDITION ASSESSMENT	00724970	8/1/2019	\$ 400,000	\$ 0	\$ 139,371	\$ 260,629	\$ 0	\$ 0	\$ 0	\$ 400,000

Project Engineer:

6/23/2021

Priority:

Location/Description: Evaluate all lift stations within the district to determine condition and any repairs or upgrades required.

Ext. Fund Potential:

Justification:

Current Stage: Proposed

Comments:

Per CIPP, project added with a budget of \$400K.CMD

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
DUNLAP DR 12 INCH EXPANSION	00723350	2/8/2026	\$ 583,579	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:

2/8/2029

Priority:

Location/Description: Dunlap Dr between Sunset Ave and Nuevo Rd - 1,330 ft of 12" pipe□

Ext. Fund Potential:

Justification: Development driven (Deficiency type:Expansion)

Current Stage: Proposed

Comments:

8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg2/13/17: Per CIP Edits RO email: extend start date from 7/1/21 to 10/1/21, project rebased. sw 5/1/18 Per CIP edits, project finish date has been revised from 6/23/24 to 10/31/28 and project was rebased. JC □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
ECHO RD 15 INCH EXPANSION	00723470	3/1/2025	\$ 1,422,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:

6/18/2028

Priority:

Location/Description: Intersection of Echo Rd and Ramona Blvd, parallel to Ranch View Ln - 500 ft of 15" pipe□

Ext. Fund Potential:

Justification: Development driven (Deficiency type:Expansion)

Current Stage: Proposed

Comments:

8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg 2/13/17: Per CIP Edits RO email: change start date from 7/1/21 to 4/15/21, project rebased. sw3/15/17: Per CIP Edits email from RO; change start date from 4/15 21 to 4/15/19, project rebased. sw 5/1/18 Per CIP edits, project finish date has been revised from 4/14/22 to 02/29/28 and project was rebased. JC□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
EL CENTRO LIFT STATION WET WELL PIPING REPLACEMENT	00725080	4/1/2021	\$ 687,500	\$ 0	\$ 0	\$ 53,258	\$ 257,033	\$ 377,208	\$ 0	\$ 687,499



FACILITY TYPE:

SEWER

Project Engineer: Buenagua, Gabriel X4333

1/20/2023

Priority:

Location/Description: To replace the corroded discharge piping and pump elbow; to install pump guide rails lifting system.

Ext. Fund Potential:

Justification:

Current Stage: Proposed

Comments:

3/6/19 Per CIP, project has been added. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
EL CHIMISAL LS ABANDON	00723540	7/27/2019	\$ 191,211	\$ 0	\$ 189,451	\$ 1,760	\$ 0	\$ 0	\$ 0	\$ 191,211

Project Engineer:

9/28/2020

Priority:

Location/Description: El Chimisal LS - Abandon LS Temecula

Ext. Fund Potential:

Justification: El Chimisal LS (Deficiency type:Abandon)

Current Stage: Proposed

Comments:

02/26/18- Need by date was revised to 06/30/2020 per 5-10 Year CIP comments from Demian B. Project was rebased.

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
ELLIS AVE SEWER	00721370	9/26/2021	\$ 1,895,400	\$ 0	\$ 0	\$ 0	\$ 210,379	\$ 1,078,141	\$ 606,880	\$ 1,895,400

Project Engineer:

12/30/2023

Priority: Medium

Location/Description: 4000 LF of 15-inch sewer main In Ellis Ave from Case Rd to the railroad tracks.

Ext. Fund Potential: Low / Not Likely

Justification:

Existing sewer is capacity deficient for existing flows.

Current Stage: Proposed

Comments:

11/09/2015- Project was deferred to 2022 with a completion in 2024, per our Seniors CIP meeting on 11/09/2015. RO 11/9/15: Project rebased per information above. sw.11/19/2015- Project start date pushed in to 11/2017 per Joe M. RO11/19/15: Project was rebased per email from RO. bt 02/26/2018: Project need by date revised to 03/30/2023 per CIP edits provided by Demian B. Project was rebased. RO5/16/18 Per CIP edits, project finish date has been revised from 6/28/23 to 6/28/24 and project was rebased. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
ETHANAC LS 10 INCH EXPANSION	00723410	6/30/2024	\$ 2,985,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 157	\$ 157

Project Engineer:

10/18/2027

Priority:

Location/Description: From Ethanac LS crossing under San Jacinto River to Riverwood 1 LS - 1,050 ft of 10" pipe

Ext. Fund Potential:

Justification:

Development driven (Deficiency type:Expansion)

Current Stage: Proposed

Comments:

6/28/17: Per CIP vetting meeting, project was pushed out 12 months and rebased. bt02/27/18: Project finish date was pushed out to 06/30/2027 per 5-10 Year CIP comments provided by Demian B. Project was rebased. RO

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
ETHANAC RD AND RIVER RD 18 INCH EXPANSION	00723400	11/30/2024	\$ 1,135,895	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0



FACILITY TYPE:

SEWER

Project Engineer: 12/1/2027

Priority: Location/Description: From Ethanac Rd towards River Rd - 1,120 ft of 18" pipe

Ext. Fund Potential: Justification: Development driven (Deficiency type:Expansion)

Current Stage: Proposed Comments: 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg 2/13/17: Per CIP Edits email from RO; extend project start date from 7/1/21 to 12/1/21, project rebased. sw02/27/2018: Project finish date was revised to 8/23/2027 per CIP edits provided by Demian B. on 02/26/2018. Project was rebased. RO

FIVE YEAR FORECAST

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
FLORIDA AVE 10 INCH REPLACEMENT	00723450	2/8/2026	\$ 315,758	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer: 2/8/2029

Priority: Location/Description: Sanderson Ave S to Acacia Ave - 480 ft of 10" pipe

Ext. Fund Potential: Justification: Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)

Current Stage: Proposed Comments: 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg 2/13/17: Per CIP Edits email from RO; extend project start date from 7/1/21 to 1/15/22, project rebased. sw5/1/18 Per CIP edits, project finish date has been revised from 10/17/24 to 10/31/28 and project was rebased. JC

FIVE YEAR FORECAST

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
FRENCH VALLEY 21 INCH EXPANSION	00723600	4/1/2020	\$ 1,006,000	\$ 0	\$ 23,261	\$ 123,125	\$ 341,113	\$ 518,502	\$ 0	\$ 1,006,001

Project Engineer: 4/1/2023

Priority: Location/Description: Between Mc Colery Rd and Abelia St - 1,790 ft of 21" pipe

Ext. Fund Potential: Justification: Development driven (Deficiency type:Expansion)

Current Stage: Proposed Comments: 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg3/15/17: Per CIP Edits email from RO; change start date from 7/1/21 to 7/1/19, project rebased. sw 02/28/2018: Project finish date was pushed out 1 year to 06/30/2023 per CIP edits provided by Demian B. on 02/26/2018. Project was rebased. RO 5/23/18: Per CIP edits project was rebased. ND1/22/19 Per Laura B.'s request, project start date has been modified from 4/1/19 to 4/1/20 and has been rebased due to the fact that this will be a developer-led project with a financial oversizing contribution from EMWD. Development services staff has been involved making sure the developers are coordinating with one another in this area to determine size, cost and financial cost sharing for the project. However there still remains some uncertainty as to when this facility will actually be constructed. JC

FIVE YEAR FORECAST

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
GOLDEN TRIANGLE LIFT STATION CAPACITY ASSESSMENT	00720630	7/1/2019	\$ 38,300	\$ 0	\$ 38,300	\$ 0	\$ 0	\$ 0	\$ 0	\$ 38,300

Project Engineer: Li, Xiaoxue X4313 9/25/2019

Priority: Low Location/Description: Perform capacity assessment for Golden Triangle Lift Station and downstream conveyances to assist Development Services with coordinating and confirming alternatives for sewer neighboring developments to the existing lift station and infrastructure. Project location is 25468 Sparkman Ct. Murrieta Ca 92562

Ext. Fund Potential: Justification:



FACILITY TYPE:

SEWER**Current Stage:** Facilities Planning**Comments:**

7/10/19: Project added per approved PAR. CMD

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
GOLDEN TRIANGLE SEWER INFRASTRUCTURE	00725680	10/1/2019	\$ 50,000	\$ 0	\$ 38,203	\$ 97	\$ 0	\$ 0	\$ 0	\$ 38,300
Project Engineer: Li, Xiaoxue X4313		7/1/2020								
Priority: Low		Location/Description: The project includes a 15-inch diameter sewer that can serve ultimate upstream demands as well as the golden triangle development with a jack and bore sewer pipeline across the I-15 freeway to existing sewer in Guava Street.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 7/30/19: Project added as a last minute CIP addition per JJW.								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
HOMELAND AREA COLLECTION SYSTEM ASSESMENT	00724270	7/30/2020	\$ 200,000	\$ 0	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 200,000
Project Engineer:		11/30/2020								
Priority:		Location/Description: Homeland - There is a large amount of older 6" truss pipe in this area that is failing regularly. This project will assess the condition of these pipes and make recommendations. □								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 2/14/18 Project was added per FY 18/19 CIPP. JC5/1/18 Per CIP edits, project finish date has been revised from 11/1/19 to 11/30/20 and project was rebased. JC□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
HWY 79 21 INCH EXPANSION	00723570	7/1/2027	\$ 4,189,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		10/18/2030								
Priority:		Location/Description: HWY 79 from Butterfield Stage Road to Anza Rd - 7,460 ft of 21" pipe□								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 8/23/16 Per DB and JW pushed start date out 1 year, from 7/1/22 to 7/1/23 and project rebased. cg3/4/19 Per CIP edits, project start and finish dates modified and project rebased. CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
IRIS AERATION VALVE PILOT STUDY	00724300	6/2/2020	\$ 350,000	\$ 0	\$ 8,090	\$ 341,910	\$ 0	\$ 0	\$ 0	\$ 350,000
Project Engineer: Picazo Jr., Abdiel x4567		3/1/2021								
Priority:		Location/Description: This pilot study is intended to be conducted at the Perris Valley RWRP. Upon successful results of pilot study, iris valves may be incorporated into our other water reclamation facilities.								



FACILITY TYPE:

SEWER**Ext. Fund Potential:****Justification:**

Iris Valve manufacturer claims that installation of valves in aeration air headers over traditional butterfly valves would provide energy savings and better process control. The pilot study would verify their claims.

Current Stage: Proposed**Comments:**

2/14/18 Project was added per FY 18/19 CIPP. JC3/1/19 Per CIP edits, project start date was modified from 1/1/19 to 10/1/19. CMD7/26/19 Per CIP edits approved by John W. need by date has been modified from 6/29/2020 to 3/1/2021.JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
IRIS AVE SEWER (MVSC-211)	00721400	12/27/2044	\$ 438,750							\$ 0

Project Engineer:

5/15/2046

Priority: Medium**Location/Description:**

Replace pipeline along Iris Ave between Patata Way and Kitching in Moreno Valley. □

Ext. Fund Potential:**Justification:**

Existing sewer is capacity deficient for existing flows. □

Current Stage: Proposed**Comments:**

12/29/15: Per Demian B project name changed from Iris Ave Sewer (MVSC-102) to (MVSC-211). bt4/21/16 Per Demian Boettcher - CIP Wastewater Collections; change need by date from 10/20/2017 to 12/30/2045, project rebased □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
KIRBY ST 21 INCH REPLACEMENT	00724690	1/1/2024	\$ 4,161,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 258,095	\$ 258,095

Project Engineer:

4/20/2027

Priority:**Location/Description:**

Kirby St from Cottonwood Ave to Orchid Ln - 3,560 ft of 21" pipe

Ext. Fund Potential:**Justification:**

Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)

Current Stage: Proposed**Comments:**

03/13/2018 : Project finish date got pushed out to 2026 (from 2020) per Demian B. Project is rebased. RO □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
KITCHING AND HEACOCK STREET SEWER	00723930	12/21/2017	\$ 4,040,000	\$ 86,152	\$ 0	\$ 0	\$ 0	\$ 202,675	\$ 405,951	\$ 608,626

Project Engineer: Sivapalan, Thavaputhiran
X4449

7/2/2026

Priority: Medium**Location/Description:**

Approximately 1,350 feet of 18-inch sewer on Kitching Street and 5,240 feet of 12-inch sewer on Heacock Street will be upsized as part of this project to accommodate increased sewer flow in the Moreno Valley Service area. The project is part of the Moreno Valley Sewer Replacement Program.

Ext. Fund Potential: Not Applicable**Justification:**

Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)

Current Stage: Proposed**Comments:**

6/14/17: Project brought over from Facility MP Module and added per Rania email. cg12/12/17 Original Name "HEACOCK ST 15 INCH REPLACEMENT", combined Kitching St South 21-24 Inch Replacement and Heacock St South 15 Inch Replacement, renamed to "KITCHING STREET AND HEACOCK STREET SEWER". Combined all three budgets together to \$4,040,000. cg1/11/18 The project was rebased to accommodate a 14 day extension. JC3/13/18 Per CIP edits from RO and input from Planning, the finish date for Facility Planning was held at 9/16/18, and the start of Preliminary Design was moved out 3 years, resulting in a finish date of 6/18/25, and the project was rebased. bt5/1/18 Per CIP edits, project finish date has been revised from 6/18/25 to 11/30/26 and project was rebased. JC9/27/18 Per RO project was moved back to CIP planned projects for Prelim Design to resume March 2023. ND □

F I V E Y E A R F O R E C A S T



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
KITCHING STREET SEWER - PHASE I (MVSC-101)	00721390	12/27/2029	\$ 260,743							\$ 0
Project Engineer:		5/15/2031								
Priority: Medium		Location/Description: Replace pipeline along Kitching Street between Black Walnut Street and Alessandro in Moreno Valley. □								
Ext. Fund Potential:		Justification: Existing sewer is capacity deficient for existing flows. □								
Current Stage: Proposed		Comments: 4/21/16 Per Demien Boettcher - CIP Wastewater Collections; change need by date from 10/1/2017 to 12/30/2030. sw □								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
LAKE PERRIS SEWER SIPHON ABANDONMENT	00725470	10/2/2017	\$ 238,986	\$ 68,811	\$ 170,174	\$ 0	\$ 0	\$ 0	\$ 0	\$ 170,174
Project Engineer: Serna Jr, Edward X6299		2/29/2020								
Priority: High		Location/Description: This project will divert sewer flows into an adjacent downstream sewer system and abandon-in-place the sewer siphon. Sewer lines runs from the Lake Perris State Recreation Area to the Moreno Valley RWRP. □								
Ext. Fund Potential: Not Applicable		Justification: □								
Current Stage: Final Design		Comments: 1/10/18 Project was rebased to accommodate a 14 day extension. JC7/26/18: Per Ed Serna's request Spec Review was pushed out from 8/1/18 to 12/1/2018 due to field issues. ND3/18/19: Per discussion with Rania, Ed Serna, and Charles, project cut from maintenance EPS.CMD								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
LEON RD WEST 12 INCH EXPANSION PHASE I	00723480	7/1/2025	\$ 4,468,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		10/18/2028								
Priority:		Location/Description: Parallel to and west of Leon Rd between Briggs Rd and Dana St - 3,190 ft of 12" pipe □								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 8/23/16 Per DB and JW pushed start date out 1 year, from 7/1/22 to 7/1/23 and project rebased. cg5/1/18 Per CIP edits, project finish date has been revised from 6/30/26 to 6/30/28 and project was rebased. JC □								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
LEON RD WEST 12 INCH EXPANSION PHASE II	00723610	7/1/2025	\$ 779,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		10/18/2028								
Priority:		Location/Description: Parallel to and west of Leon Rd between Dana St and Baxter Rd - 1,850 ft of 12" pipe □								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg5/1/18 Per CIP edits, project finish date has been revised from 6/30/26 to 6/30/28 and project was rebased. JC □								

F I V E Y E A R F O R E C A S T



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
LEON RD WEST 15 INCH EXPANSION	00723620	7/1/2025	\$ 3,005,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		10/18/2028								
Priority:	Location/Description: Parallel to and west of Leon Rd between Briggs Rd and Keller Rd - 4,190 ft of 15" pipe									
Ext. Fund Potential:	Justification: Development driven (Deficiency type:Expansion)									
Current Stage: Proposed	Comments: 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. cg 9/2/16 Per DB 10YR CIP Edits, revised need by date from 4/1/2024 to 4/1/2026 and rebased. cg5/1/18 Per CIP edits, project finish date has been revised from 6/30/26 to 6/30/28 and project was rebased. JC □									

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MCLAUGHLIN RD AND SULTANAS RD 15 INCH REPLACEMENT	00724030	11/11/2024	\$ 1,696,320	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		6/29/2028								
Priority:	Location/Description: Sultanas Rd from Paradise Palm Ave to Allen Ave SW to McLaughlin Rd to Briggs Rd - 3,730 ft of 15" pipe □									
Ext. Fund Potential:	Justification: Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)									
Current Stage: Proposed	Comments: 5/1/18 Per CIP edits, project finish date has been revised from 10/22/25 to 02/29/28 and project was rebased. JC □									

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MV/PV/SJV RWRFS DISINFECTION SYSTEM CONVERSION	00718700	6/30/2016	\$ 5,132,949	\$ 5,096,369	\$ 83,441	\$ 0	\$ 0	\$ 0	\$ 0	\$ 83,441
Project Engineer: Li, Xiaoxue X4313		11/28/2019								
Priority: Medium	Location/Description: This project will convert the disinfection chemical at MV, PV, and SJV RWRf's from chlorine gas to sodium hypochlorite to address potential inherent safety concerns associated with storage and delivery of chlorine gas □									
Ext. Fund Potential: High / Probable	Justification: Disinfection of treated effluent is required by law. Use of chlorine gas for disinfection may become restricted due to potential inherent safety concerns associated with storage and delivery of chlorine gas. □									
Current Stage: Construction	Comments: 04/08/2014: Project budget decreased from \$31,575,300 to \$10,000,000 and the project has been deferred to 11/2019 per senior management CIP review meeting on 04/07/2014. RO 4/13/16 Per CIP Wastewater vetting meeting; change title from RWRf Alternate Effluent Disinfection Study to RWRf Disinfection System Conversion, change budget from \$10M to \$7M, and change need by to 12/1/2018 project rebased. sw7/6/16 Per Warren Huang change title from RWRf Disinfection System Conversion to MV/PV/SJV RWRf's Hypochlorite Implementation Project. sw8/2/16: Per Erik Jorgensen reduce construction duration to 3330 days, construction finish date from 5/16/18 to 2/15/18. sw11/16/16 Per email received from Warren Huang; project name has been changed from MV/PV/SJV RWRf's Hypochlorite Implementation to MV/PV/SJV RWRf's Dinsinfection System Conversion. sw3/8/17: Per 3/7/17 CIP meeting and AGM authorization, construction finish pushed out from 4/24/18 to 7/24/18 and project rebased. bt7/17/17 Per construction award project cost estimate, project budget decreased from \$7M to 4,660,026. cg □									

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF 17 MGD EXPANSION	00101011	7/11/2022	\$ 47,142,000	\$ 0	\$ 0	\$ 0	\$ 1,772,408	\$ 2,920,491	\$ 4,692,899	



FACILITY TYPE:

SEWER

Project Engineer:

12/27/2028

Priority: Medium

Location/Description: Full plant expansion of facilities required to bring total treatment capacity up to or exceeding 17 MGD.

Ext. Fund Potential:

Justification: To provide sufficient treatment capacity based on flow, BOD, TSS and ammonia.

Current Stage: Proposed

Comments: 4/13/16 Per CIP Vetting mtg, changed name to MVRWRF Expansion to 17 MGD (previously 21 MGD) updated justification, and need by date to from 2026 to 2029. Project rebased. cg4/14/16 Updated budget from 102,411,900 to 47,142,000 per WWFMP spreadsheet provided by EJ. cg8/17/16: Per Demian B. and Laura B. extend need by date outside the 10yr CIP from 7/30/2029 to 4/1/2034, project rebased. sw 5/10/18 Per CIP edits, project finish date has been revised from 7/30/34 to 6/30/25 and project was rebased. JC5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC5/29/18 Per Laura Barraza project finished date modified from 6/29/26 to 6/29/27. Project was rebased. ND3/20/19: Per CIP review meeting, start date pushed out a year to 7/2022 and rebased.CMD

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
MVRWRF CENTRATE EQ	00724640	1/20/2021	\$ 3,500,000	\$ 0	\$ 0	\$ 446,350	\$ 3,053,315	\$ 335	\$ 0	\$ 3,500,000

Project Engineer: Li, Xiaoxue X4313

9/15/2022

Priority:

Location/Description: Implement centrate equalization and control using existing assets to the extent practical and identify additional facilities needed to accomplish the desired control of centrate return to the secondary treatment process for MVRWRF, PVRWRF and SJVRWRF.

Ext. Fund Potential:

Justification:

Current Stage: Proposed

Comments: 1/30/17: Per CIPP Projects Log from Demian B.; New project. sw2/27/17 Per CIP Review Mtg with EJ, project is not a study, but full construction project. Study removed from title, phases added and budget revised from \$175,000 to 3M. Project rebased. cg6/21/17 At the direction of Marc Serna, fac planning finish date was pushed out from 11/25/17 to 12/9/17 to accommodate a revised bid award start date from 12/6/18 to 12/20/18. Project rebased. cg 3/20/18: Per Erik Jorgensen, project inactivated because Jeff Wall (Operations) indicated it was not needed at this time. bt5/11/18: Project is back again! with a new project completion date of 12/2021, per Marc Serna. RO3/1/19 Per CIP edits, project start date was modified from 2/2019 to 9/2019. CMD

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
MVRWRF DIGESTER GAS COMPRESSION	00721750	9/26/2024	\$ 3,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:

3/23/2027

Priority: Medium

Location/Description: MVRWRF Digester Gas Compression

Ext. Fund Potential: Low / Not Likely

Justification:

Current Stage: Proposed

Comments:

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
MVRWRF FLOW DIVERSION (MVST-100A)	00722150	10/23/2018	\$ 1,800,000	\$ 67,617	\$ 122,531	\$ 1,243,990	\$ 365,862	\$ 0	\$ 0	\$ 1,732,383

Project Engineer: Picazo Jr., Abdiel x4567

11/27/2021

Priority:

Location/Description: MVRWRF Flow Diversion Project will divert sewer flows from the MVRWRF to PVRWRF using existing force mains and gravity sewers. The existing facilities at the MVRWRF and sewer forcemains need to be evaluated for a flow diversion system.

Ext. Fund Potential:

Justification: Extend reliable capacity of MVRWRF by allowing degrittied primary influent to be diverted to PVRWRF when units are out of service.



FACILITY TYPE:

SEWER**Current Stage:** Preliminary Design**Comments:**

4/14/16 New project added per WWFMP spreadsheet provided by EJ. Construction duration of 6 months provided by EJ. Baseline added. cg 4/26/16: Per CIP Edits received from RO; reduce budget from \$5,035,000 to \$1M. sw5/5/16 Per CIP Edits RO email, project start date pushed out 2 years - from 6/2016 to 6/2018, project rebased. cg2/27/17: Per CIP review meeting with EJ, start date moved from 6/24/18 to 7/24/19 and project rebased. bt6/22/18: Per Marc Serna's request revised project finish date from 7/29/21 to 7/29/2020 and project was rebased. nd

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF FUEL CELL REPLACEMENT (MVST-101)	00722230	4/21/2025	\$ 12,553,920	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		5/10/2028								
Priority:		Location/Description: Replacement of existing fuel cell technology at MVRWRF.								
Ext. Fund Potential:		Justification: To provide economic digester gas utilization								
Current Stage: Proposed		Comments: 5/1/18 Per CIP edits, project finish date has been revised from 10/1/25 to 01/31/28 and project was rebased. JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF PLANT 2B EQUIPPING	00119620	5/15/2017	\$ 10,700,024	\$ 382,675	\$ 297,593	\$ 537,515	\$ 4,918,637	\$ 4,555,740	\$ 1,144	\$ 10,310,629
Project Engineer: Picazo Jr., Abdiel x4567		7/13/2023								
Priority: Medium		Location/Description: Staff performed a condition assessment of Moreno Valley Regional Water Reclamation Facility Plant 1 to identify rehabilitation needs and evaluated an alternative to rehabilitating Plant 1. The alternative involves equipping the second half of Plant 2. The second half of Plant 2 is currently not operational. The result of the study was a recommendation to equip Plant 2B and to defer the rehabilitation of Plant 1 until needed.								
Ext. Fund Potential: Not Applicable		Justification: Deteriorating condition of concrete structures located within the pipe gallery below Plant 1 grit chambers and primaries.								
Current Stage: Preliminary Design		Comments: 1/18/17: Per CIPP Projects Log from Demian B.: increase budget from \$1,700,000 to \$2,400,000, add project description. sw1/30/17: Per CIPP Projects Log from Demian B.: change title from MVRWRF Plan 1 Aeration Gate Replacement to MVRWRF Plan 1 Rehab. Per RO change start date to 5/1/17 to accommodate need by date change requested, project rebased. sw 2/27/17: Per CIP meeting with EJ, preliminary design duration increased 90 days, final design duration increased 90 days, and construction duration increased 90 days, and project rebased. bt3/13/17: Per AGM on 3/10/17; extend project start date from 5/1/2017 to 5/1/2018, project rebased. sw6/14/17: Per meeting with Dir of Eng Marc Serna, Laura Barraza, and Erik Jorgensen: Change the Facilities Planning Start date to match the Bid Award start date of SJVRWRF Plant 1 Rehab 11/23/17, project rebased. sw 7/11/17 Discussed and approved by RO, since this project had imports and costs in May, resorted the Fac Planning start date to 5/15/17 as original schedule, pushed out so Prelim start date is 11/23/17 as suggested SJVRWRF 11/23/17 bid award start date per previous comment from 6/14/17. Schedule rebased. cg 3/20/18 Per CIP edits from Erik J., facility planning finish date was extended from 3/24/18 to 9/24/18. JC5/4/18 Per CIP edits approved by PM, project finish date has been revised from 5/7/21 to 1/31/20 and project was rebased. JC9/6/18 Per CIP quarterly meeting, the project title has been changed from MVRWRF Plant I Rehab to MVRWRF Plant 2B. JC 9/14/18: Project was rebased per RO. ND3/5/19 Per CIP edits and PE confirmation, total overall project cost has been updated to \$10.6M.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF RDT INSTALLATION (MVST-100B)	00722220	12/22/2025	\$ 2,522,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		10/1/2028								
Priority:		Location/Description: RDT and related installation at MVRWRF.								
Ext. Fund Potential:		Justification: To provide sufficient RDT reliability.								



FACILITY TYPE:

SEWER**Current Stage:** Proposed**Comments:**

3/13/17: Per AGM on 3/10/17; extend project start date from 12/22/2017 to 3/22/2019, project rebased. sw5/2/18 Per CIP edits, project finish date has been revised from 9/28/21 to 6/30/22 and project was rebased. JC5/10/18 Per CIP edits, project finish date has been revised from 6/30/22 to 6/30/28 and project was rebased. JC□

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF SOLIDS HANDLING MCC REPLACEMENT	00721050	2/25/2019	\$ 2,443,110	\$ 52,484	\$ 315,559	\$ 1,289,921	\$ 785,146	\$ 0	\$ 0	\$ 2,390,626
Project Engineer: Picazo Jr., Abdiel x4567		3/31/2022								
Priority: Medium		Location/Description: At the Moreno Valley Regional Water Reclamation Facility (MVRWRF), four motor control centers (MCCs) associated with the solids handling system require replacement. These MCCs were installed between 1975 and 1986 and are nearing end of their useful lives. Parts for these MCCs are no longer available from the original manufacturers and replacement of the MCCs is needed to increase the overall reliability of the MVRWRF.								
Ext. Fund Potential:		Justification: This project in in line with the Districts strategic planning goal/objective to achieve the safe, reliable and cost-effective collection and treatment of wastewater.								
Current Stage: Preliminary Design		Comments: 1/30/17: Per CIPP Projects Log from Demian B.: change title from MVRWRF MCC Replacement to MVRWRF Plant 1 MCC Replacement. sw6/13/17: Per RO email, this project is being combined with MVRWRF TEPS Replacement, title changed, budget revised to \$2.5M, schedule updated and project rebased. bt03/19/2018: Start date pushed out to 08/01/2018 and the MVRWRF TEPs portion removed per Erik. The TEPs project is again activated. Project rebased. RO 6/13/18 Per CIP edits, total project cost increased from \$2.5M to \$5M. JC9/6/18 Per CIP quarterly meeting, the project title has been changed from MVRWRF Plant I MCC Replacement to MVRWRF Solids Handling MCC Replacement and total project cost was decreased from \$5M to \$2.5M. JC9/14/18: Project was rebased per RO. ND □								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF STORM WATER IMPROVEMENTS	00718730	9/1/2024	\$ 131,600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		12/17/2025								
Priority: Medium		Location/Description: Evaluate improvements needed to comply with new storm water runoff requirements. □								
Ext. Fund Potential:		Justification: EMWD may be subject to fines and this project will mitigate those issues. □								
Current Stage: Proposed		Comments: 03/18/2014- Project pushed out to 11/2014 per EJ and JJW. RO7/15/15 Per Eric J., project pushed out from 3/31/15 to 1/1/16. cg3/7/16 Per the WWET meeting minutes from 2/9/16, the start date of this project has been moved out from 1/1/16 to 10/28/17 and the project rebased. bt2/27/17 Per CIP meeting with EJ, start date moved from 10/28/17 to 7/1/18 and project rebased. bt3/20/18 Per CIP edits from Erik J., start date was modified from 7/1/18 to 9/1/23 and project was rebased. JC3/4/19 Per CIP edits, start date was modified from 9/2023 to 9/2024. CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF TEPS MCC REPLACEMENT	00723760	3/19/2018	\$ 3,233,152	\$ 359,000	\$ 2,838,983	\$ 56,872	\$ 0	\$ 0	\$ 0	\$ 2,895,855
Project Engineer: Li, Xiaoxue X4313		10/8/2020								
Priority: Medium		Location/Description: This project will replace the motor control center for the effluent pump station located at the Moreno Valley Regional Water Reclamation Facility on Kitching Street. □								
Ext. Fund Potential:		Justification:								



FACILITY TYPE:

SEWER**Current Stage:** Construction**Comments:**

1/31/17: Per CIPP Projects Log from Demian B.; new project. sw2/27/17 Per CIP Review mtg with Eric Jorgensen, Start date pushed out from 3/1/17 to 9/1/17 and rebased. cg6/13/17: Per RO email, this project is being combined with MVRWRF Plant 1 MCC Replacement (to be renamed MVRWRF Plant 1 AND TEPS MCC Replacement). bt3/19/18 Per RO's email, this project was moved from Inactive to CIP, total project cost of 2.3M was added, as well as 3/1/18 start date. JC 3/20/18 Per RO's email, revised the schedule per dates provided by PE, added a baseline, and activated the project. JC 6/13/18 Per CIP edits, total project cost was increased from \$2.3M to \$2.8M. JC6/22/18: Per Marc Serna's request the project completion date to be revised from 11/14/19 to 5/14/20 and project was rebased. nd6/22/18: Disregard previous notation due to project being current and active. Project rebased. ND6/25/18: Per Erik J. project construction finish date was changed from 8/16/19 to 1/14/20. Project was rebased. ND9/14/18: Project was rebased per RO. ND□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF TERTIARY EFFLUENT EQUALIZATION	00106320	1/13/2017	\$ 5,014,962	\$ 572,490	\$ 238,251	\$ 3,370,095	\$ 762,409	\$ 0	\$ 0	\$ 4,370,755
Project Engineer: Picazo Jr., Abdiel x4567		12/24/2021								
Priority: Medium	Location/Description: This project will improve equalization of the tertiary effluent system at the Moreno Valley Regional Water Reclamation Facility. This project is to perform the final design for interconnecting the TEPS wet well with existing onsite tertiary storage ponds in order to increase the capacity of the Tertiary Effluent Pump Station (TEPS) wet well volume from approximately 0.25 MGD to 8.75 MGD. MVRWRF- 17140 Kitching St., Moreno Valley, CA 92551									
Ext. Fund Potential: Low / Not Likely	Justification: The expanded secondary equalization storage will meet plant operation needs to maintain diurnal flow variation management while influent volumes increase, as well as, provide better and timelier service to recycled water customers.									
Current Stage: Final Design	Comments: 11/09/2015: Need by date revised to 2020 per CIP meeting held on 11/09/2015 at 10:30 a.m. RO 11/9/15: Project rebased per information above.sw5/5/16 Per CIP Edits RO email, project start date brought in 2 years - from 7/2018 to 7/2016, project rebased. cg7/11/16: CIP Data Date change: per email received from Erik Jorgensen push out start date to 10/10/16. sw 7/14/16 Per email rebase request from Erik Jorgensen dated 7/12/16 start date changed to 10/10/16, project rebased. sw 12/12/16 Project start date pushed to 1/3/17 per Sarah Li, PAR approved, waiting on PO approval to start. cg2/27/17 Per CIP Review Mtg with EJ, Recycled water prjt named MVRWRF PONDS PIPING TO MVRWRF TEPS (MVRW-001) incorporated into this project. Project budget revised from 2.5M to 4M , 6mo added to Prelim Design duration, 3mo to Final Design and 3mo to construction. Project Name changed from MVRWRF Secondary Equalization Expansion to MVRWRF Secondary and Tertiary Equalization. Prjt rebased. cg1/19/18 Per the direction of Erik J. and Marc Serna, name changed from MVRWRF SECONDARY AND TERTIARY EQUALIZATION to MVRWRF TERTIARY EFFLUENT EQUALIZATION . cg3/13/17: Per AGM on 3/10/17; add 9 months lag between Prelim Design and Final Design, Final design to start 10/2018, project rebased. sw 6/20/17 At the direction of Marc Serna, prelim design finish date pushed from 10/12/19 to 10/26/19 to accommodate a revised bid award start date from 11/12/19 to 11/26/19. Project rebased. cg 1/31/18 Per PE's request, the project schedule was changed to Preliminary Design 01/13/2017-06/30/2018 Final Design 07/01/2018-06/30/2019 and has been rebased. JC5/4/18 Per CIP edits approved by PM, project finish date has been revised from 5/21/21 to 9/30/20 and project was rebased. JC5/10/18 Per Marc Serna total project increased to \$5,126,000. ND6/22/18: Per Marc Serna's request the project completion date was revised from 9/30/20 to 3/30/20 and project was rebased. ND6/22/18: Disregard previous notation due to project being current and active. Project rebased. ND9/14/18: Project was rebased per RO. ND7/29/19 Per CIP edits approved by John W, need by date has been modified from 4/2021 to 9/2021.JC									

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
MVRWRF VACTOR TRUCK DUMP STATION	00719950	1/28/2021	\$ 1,500,000	\$ 0	\$ 0	\$ 219,000	\$ 1,275,217	\$ 5,783	\$ 0	\$ 1,500,000
Project Engineer: Chen, William J X6208		7/31/2022								
Priority:	Location/Description: Design and construct facility for dumping and processing solids from vactor trucks at the MVRWRF.□									
Ext. Fund Potential:	Justification: Need lined concrete basins to store material to dryout without percolating into the ground. □									

Current Stage: Proposed

Comments:

11/12/14 Per CIP Vetting mtg minutes of 10/22/14, revised budget from 512K to 660K, revised start date from 7/2016 to 9/2017. cg 2/27/17 Per CIP meeting with EJ, start date moved from 9/11/17 to 9/1/18 and project rebased. bt2/5/18 Per CIPP edits for FY 18/19, the projects budget was revised from 660,000 to 2,500,000 and the project title was changed from MVRWRF Vactor Truck Dump Station to SJVRWRF Truck Dump Station. JC3/20/18 Per RO's request project title changed from SJVRWRF Truck Dump Station to MVRWRF Vactor Truck Dump Station and start date was pushed from 9/1/18 to 12/1/18 and project was rebased. JC5/1/18 Per CIP edits, project finish date has been revised from 6/2/20 to 7/31/21 and project was rebased. JC5/10/18 Per CIP edits, project finish date has been revised from 7/31/21 to 7/31/22, project was rebased, and total project cost was decreased \$2.5M to \$1.5M . JC

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
NEUROS TURBO BLOWER PILOT	00724310	1/1/2020	\$ 60,000	\$ 0	\$ 22,093	\$ 37,907	\$ 0	\$ 0	\$ 0	\$ 60,000
Project Engineer:		12/31/2020								
Priority:		Location/Description:								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 2/14/18 Project was added per FY 18/19 CIPP. JC3/4/19 Per CIP edits, project start date was modified from 1/2019 to 1/2020.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
NEWPORT LIFT STATION PIPE REPLACEMENT	00725460	7/10/2017	\$ 2,000,000	\$ 43,774	\$ 151,641	\$ 1,791,119	\$ 13,467	\$ 0	\$ 0	\$ 1,956,227
Project Engineer: Allred, Jeffrey X4296		8/1/2021								
Priority: Medium		Location/Description: Replacement of wetwell and above grade piping at Newport Lift Station located at 29775 Newport Rd. Menifee.								
Ext. Fund Potential: Not Applicable		Justification: This project supports the District's Strategic Plan Objective Maintenance; implement and manage preventative and predictive maintenance programs that enable a highly reliable operation of the District's facilities and extend the useful life of assets.								
Current Stage: Final Design		Comments: 6/12/18 Per RO's email from M. Serna project has been rebased. JC8/7/18 Per J. Allred, spec review has been pushed out to 4/1/2020.JC3/5/19 Per J.Allred, design phase hasn't really started, contractor has not yet been officially selected as complete project scope is still being discussed. Project is remaining as is for now. CMD3/18/19: Per discussion with Rania, Ed Serna, and charles, project cut from maintenance EPS.CMD 7/26/19 Per CIP edits approved by John W. budget has been modified from \$216K to \$2M.JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
NUEVO 5 LS 24 INCH FORCEMAIN	00723370	1/31/2025	\$ 61,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		5/20/2028								
Priority:		Location/Description: From Nuevo Rd and Pico Ave to S of Nuevo Rd - 100 ft of 24" pipe								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 2/13/17: Per CIP Edits email from RO; extend project start date from 7/1/21 to 9/15/21, project rebased. sw 3/15/17 Per John Ward, brought in start date 2 years from 9/15/21 to 9/15/19 and rebased. cg5/1/18 Per CIP edits, project finish date has been revised from 9/14/22 to 01/31/28 and project was rebased. JC								

F I V E Y E A R F O R E C A S T



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
NUEVO 5 LS EXPANSION	00723360	11/5/2023	\$ 13,647,360	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 361,093	\$ 361,093
Project Engineer:		6/4/2029								
Priority:		Location/Description: Nuevo Rd and Pico Ave - 7,000 gpm firm capacity LS								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 8/23/16 Per DB and JW pushed start date out 1 year, from 11/19/21 to 11/19/22 and project rebased. cg 9/2/16 Per DB 10Yr CIP Edits, revised need by date from 4/1/2027 to 6/30/2027, project rebased. cg5/1/18 Per CIP edits, project finish date has been revised from 3/14/28 to 11/30/28 and project was rebased. JC								

FIVE YEAR FORECAST

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
NUEVO RD AND ELECTRIC AVE 10-12 INCH EXPANSION	00723390	9/28/2024	\$ 14,268,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		2/24/2029								
Priority:		Location/Description: Electric Ave from North Dr to Lakeview Ave to Nuevo Rd to Pico Ave - 7,700 ft of 10" pipe, 2,900 ft of 12" pipe								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 8/23/16 Per DB and JW pushed start date out 1 year, from 7/1/21 to 7/1/22 and project rebased. cg 9/2/16 Per DB 10YR CIP Edits, project need by date revised from 4/4/26 to 6/30/27 and rebased. cg5/1/18 Per CIP edits, project finish date has been revised from 9/28/27 to 9/30/28 and project was rebased. JC								

FIVE YEAR FORECAST

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
NUEVO RD AND PICO AVE 15 INCH EXPANSION	00723380	7/1/2024	\$ 5,781,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		11/27/2028								
Priority:		Location/Description: North of Nuevo Rd NE of Pico Ave to Nuevo Rd to Pico Ave. - 6,650 ft of 15" pipe								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 7/27/16 Changed named from Facility MP Module from N OF NUEVO RD E OF DUNLAP RD 15 INCH EXPANSION to conform to standards. cg8/23/16 Per DB and JW pushed start date out 1 year, from 7/1/21 to 7/1/22 and project rebased. cg02/27/2018: Project finish was pushed out 2 years, from 7/3/2026 to 07/3/2028, per CIP comments provided by Demian B and the project rebased. RO								

FIVE YEAR FORECAST

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
OLIVER ST 10 INCH EXPANSION	00723640	2/21/2025	\$ 1,465,200	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		2/22/2028								
Priority:		Location/Description: Oliver Street between Alessandro Boulevard and Cactus Avenue, and Alessandro Boulevard between Pearl Lane and Oliver Street - 3,640 ft of 10" pipe								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								



FACILITY TYPE:

SEWER**Current Stage:** Proposed**Comments:**

2/13/17: Per CIP Edits email from RO; extend project start date from 7/1/21 to 2/22/22, project rebased. sw02/27/2018: Project finish date extended 3 years, from 11/14/2024 to 11/14/2027, external funding % updated to 80% and project rebased. Changes were made per CIP edits provided by Demian B. on 02/26/2018. RO ☐

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
OLIVER ST 12 INCH EXPANSION	00723330	2/21/2025 2/22/2028	\$ 1,579,832	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:										
Priority:		Location/Description:	Oliver Street between Ironwood Ave and Eucalyptus Ave - 3,600 ft of 12" pipe☐							
Ext. Fund Potential:		Justification:	Development driven (Deficiency type:Expansion)							
Current Stage: Proposed		Comments:	2/13/17: Per CIP Edits email from RO; change title from Oliver Street to Oliver ST; extend project start date from 7/1/21 to 2/22/22, project rebased. sw02/27/2018- Project finish date got pushed out 3 years, from 11/14/2024 to 11/14/2027, updated the external funding % to 80% (Developer) and rebased the project. The change was requested by Demian B. as part of the CIP updates. RO☐							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PALA 30-36 INCH REPLACEMENT	00723950	7/20/2029 11/6/2032	\$ 1,064,000							\$ 0
Project Engineer:										
Priority:		Location/Description:	From Pechanga Dr to Pala lift station - 790 ft of 30" pipe, 600 ft of 36" pipe☐							
Ext. Fund Potential:		Justification:	Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)							
Current Stage: Proposed		Comments:	02/27/2018; Project pushed outside the 10 Year window into FY 28/29, per CIP comments provided by Demian B. Project was rebased. RO ☐							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PALA LIFT STATION ELECTRICAL UPGRADE	00724710	10/11/2017 1/10/2021	\$ 2,500,000	\$ 351,630	\$ 1,584,367	\$ 655,589	\$ 0	\$ 0	\$ 0	\$ 2,239,956
Project Engineer:	Buenagua, Gabriel X4333									
Priority: Medium		Location/Description:	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.							
Ext. Fund Potential: Not Applicable		Justification:								
Current Stage: Bid/Award		Comments:	4/17/18 Per PE's approved requested, final design was extended form 5/8/18 to 12/31/18 and project was rebased. JC 5/11/18: Moved from Maintenance to Sewer-CIP per Marc Serna. RO5/11/18: Construction finish revised to 11/01/2020 per Marc Serna. Project rebased. RO 05/16/18: Project cost increased to \$2.5M per Ed Serna. RO ☐							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PALA LIFT STATION FORCE MAIN PHASE I	00721310	9/23/2015 4/13/2020	\$ 4,725,854	\$ 1,646,906	\$ 2,641,029	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,641,029
Project Engineer:	Li, Xiaoxue X4313									



FACILITY TYPE:

SEWER**Priority:** Medium**Location/Description:** 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.**Ext. Fund Potential:** Low / Not Likely**Justification:** The Pujol and Pala Lift Station conveyance system share dual force mains to the TVRWRF. The capacity of Pala Lift Station is affected by pumping operations at the Pujol Lift Station and vice versa. Phase 1 of this project will separate the Pala and Pujol lift stations and provide each its dedicated force main, thus increasing sewerage capacity to accommodate future development within the Temecula service. □**Current Stage:** Construction**Comments:** 6/22/17: Per direction from Marc Serna, Bid Award start has been moved from 6/15/17 to 10/23/17, and the project has been rebased. bt1/9/18- Per email from RO extended spec review from 1/18/18 to 3/18/18 to allow for final acquisition of easements project rebased. JC2/9/18: Advertise date moved from 3/19/18 to 4/23/18 because of bid prioritization from Field Engineering due to outstanding permits and funding. bt02/15/18 Total project cost was updated to \$5,273,991 per Sarah Li. RO 4/5/18 Per CIP edits, project's construction finish date was extended from 4/23/19 to 12/23/18 along with extending the admin closeout to 4/23/20 and was rebased. JC5/4/18 Per CIP edits approved by PM, project finish date has been revised from 6/12/20 to 12/31/19 and project was rebased. JC5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PALA LIFT STATION PARALLEL 24" FORCEMAIN - PHASE II	00723650	7/2/2025	\$ 3,778,560	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:

2/17/2029

Priority:**Location/Description:** 5,400 ft of 24" pipe, 860 ft of 30" pipe from single Oak and Business Park Drive to the TVRWRF. Master Plan project TVSC-119C. □**Ext. Fund Potential:****Justification:** Development driven (Deficiency type:Capacity)**Current Stage:** Proposed**Comments:** 3/15/17 Per John Ward request, brought in start date 2 years from 7/1/21 to 7/1/19 and rebased. cg 2/27/18 Per CIPP edits project description and budget cost have been modified. JC3/13/18 Per CIP edits from RO, project finish moved from 6/30/22 to 12/31/25 and project rebased. bt 5/3/18 Per CIP edits project completion revised from 4/20/26 to 10/19/28 and project was rebased. ND□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PARADISE PALM AVE 15 INCH REPLACEMENT	00722780	3/25/2022	\$ 1,422,474	\$ 0	\$ 0	\$ 0	\$ 366	\$ 3,906	\$ 8,558	\$ 12,830

Project Engineer:

10/16/2028

Priority:**Location/Description:** Paradise Palm Ave from Leon Rd to Sultanas Rd - 2,880 ft of 15" pipe□**Ext. Fund Potential:****Justification:** Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)**Current Stage:** Proposed**Comments:** 2/13/17: Per CIP Edits email from RO; change project start date from 7/1/22 to 10/15/21, project rebased. sw5/3/18 Per CIP edits project completion date revised from 7/7/24 to 10/15/28 and project was rebased. ND□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PECHANGA PKWY 21 INCH REPLACEMENT	00723970	1/27/2025	\$ 107,520	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:

9/14/2028

Priority:**Location/Description:** South of Pechanga Pkwy between Rainbow Valley Blvd and Cupeno Ln - 200 ft of 21" pipe□**Ext. Fund Potential:****Justification:** Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)

Current Stage: Proposed **Comments:** 5/3/18 Per CIP edits project completion date revised from 10/18/25 to 5/16/28 and project was rebased.□

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PERRIS BLVD NORTH 12 INCH REPLACEMENT	00722770	8/2/2025	\$ 1,104,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		11/19/2028								
Priority:		Location/Description: Perris Boulevard between Sunnymead Boulevard and Eucalyptus Avenue - 2,600 ft of 12" pipe.□								
Ext. Fund Potential:		Justification: Existing pipelines exceed d/D design criteria (Deficiency type:Capacity)								
Current Stage: Proposed		Comments: 2/13/17: Per CIP Edits email from RO; extend project start date from 7/1/21 to 8/1/21, project rebased. sw3/15/17 Per John Ward CIP Edit request, schedule brought in 2 years from 8/1/21 to 8/1/19, rebased. cg3/16/17 Per John Ward CIP Edit request, schedule pushed out 1 year from 8/1/19 to 8/1/20, rebased. cg4/17/17: Per email request from Rania O and Demian B; change location/description from "Perris Boulevard between Elder Avenue and Eucalyptus Avenue" to "Perris Boulevard between Sunnymead Boulevard and Eucalyptus Avenue". sw4/17/17: Per email request from Demian B: decrease budget from \$1,339,000 to \$1,104,000 and decrease length of pipe from 3,180 ft to 2,600 ft. sw 02/27/2018: Project finish date extended by 3 years from 08/01/2023 to 01/01/2026 and project rebased. Request made by Demian B. as part of the CIP edits process. RO 5/3/18 Per CIP edits project completion date revised from 8/1/26 to 8/1/28 and project was rebased. ND□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF 40 MGD EXPANSION (PVST-100C)	00722180	6/11/2036	\$ 144,166,000							\$ 0
Project Engineer:		2/5/2043								
Priority:		Location/Description: Full plant expansin of facilities required to bring total treatment capacity up to or exceeding 40 MGD □								
Ext. Fund Potential: Not Applicable		Justification: To provide sufficient treatment capacity based on flow, BOD, TSS, and Ammonia.□								
Current Stage: Proposed		Comments: 4/14/16 Add project per CIP Wastewater Vetting Meeting 4/13/16. sw□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF 55 MGD EXPANSION (PVST-100C)	00722190	8/11/2049	\$ 108,375,000							\$ 0
Project Engineer:		4/6/2056								
Priority:		Location/Description: Full plant expansin of facilities required to bring total treatment capacity up to or exceeding 55 MGD □								
Ext. Fund Potential: Not Applicable		Justification: To provide sufficient treatment capacity based on flow, BOD, TSS, and Ammonia.□								
Current Stage: Proposed		Comments: 4/14/16 Add project per CIP Wastewater Vetting Meeting 4/13/16. sw4/20/16 Per email from Laura Barraza change need by date from 6/1/60 to 6/1/55. sw□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF BIOSOLID DRYING FACILITY	00171000	8/23/2030	\$ 13,313,600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer: Buenagua, Gabriel X4333		9/7/2032								



FACILITY TYPE:

SEWER

Priority: Medium

Location/Description: Biosolids drying facility at PVRWRF to handle solids from PV and TVRWRF plants up to 140 wet tons per day JA 2010062204/08/2014: Project has been deferred to 04/218 per senior management CIP review meeting on 04/07/2014. RO □

Ext. Fund Potential: Required

Justification:

Current Stage: Proposed

Comments:

CIP review meeting on 10/30/09 about schedule changes. 11/5/09 LF Per Jalal, Changed Title from PV & TVRWRF to PVRWRF Biosolid Drying Facility JJW 201006224/13/16 Per WW Treatment Masterplan edits and vetting mtg of 4/13/16 project pushed out from 2021 to 2030. Project rebased. cg □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF CNG REFUELING INFRASTRUCTURE	00720480	2/4/2023	\$ 1,296,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 74,513	\$ 181,987	\$ 256,500

Project Engineer:

7/31/2025

Priority: Low

Location/Description: Infrastructure to support District and public compressed natural gas refueling located at the PVRWRF site. Infrastructure includes fast and slow fill stations as well as shop retrofits required to maintain vehicles. Final location to be determined during design. □

Ext. Fund Potential: Low / Not Likely

Justification:

Current Stage: Proposed

Comments:

The District is required to convert heavy duty equipment under SCAQMD fleet rule. □
10/30/2015- This project was deferred to 11/2019 per the latest CIP Executive deferral meeting held on 10/26/2015. RO11/2/15: This project was rebased per the following: This project was deferred to 11/2019 per the latest CIP Executive deferral meeting held on 10/26/2015. sw 4/27/16: Per CIP Edits received from RO, change need by date from 11/10/21 to 2/8/2025 project rebased. sw 5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF CONTROL BUILDING ADDITION (5TH YEAR)	00725090	7/1/2022	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	\$ 100,000

Project Engineer: Serna Jr, Edward X6299

10/28/2022

Priority:

Location/Description: To renovate and update the PVRWRF Control Building with new furnishing and interior design to improve plant operations and morale.

Ext. Fund Potential:

Justification:

Current Stage: Proposed

Comments:

3/6/19 Per CIP, project has been added. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF DIGESTER GAS PIPELINE TO CR&R	00724110	1/8/2018	\$ 88,201	\$ 83,201	\$ 5,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,000

Project Engineer: Chen, William J X6208

9/10/2019

Priority:

Location/Description: Installation of a digester gas (DG) line from PVRWRF to the CR&R facility will allow the District to partner with CR&R to beneficially use the DG as a renewable transportation fuel. □

Ext. Fund Potential: Not Applicable

Justification:

Current Stage: Facilities
Planning

Comments:

07/16/18- Increased total project cost to \$200K per Marc Serna. Marc needed \$150,000 in FY 18/19 to continue assessment. RO 9/14/18: Project was rebased per RO. ND1/25/19 Per rebase request, the project has been rebased. JC

F I V E Y E A R F O R E C A S T



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF EXPANSION TO 30 MGD	00720140	3/19/2028	\$ 160,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		2/11/2034								
Priority: Ongoing		Location/Description: <input type="checkbox"/>								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 8/17/16: Per Demian B. and Laura B. extend need by date outside the 10yr CIP from to 4/1/2033, project rebased. sw <input type="checkbox"/>								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF FUEL CELL REPLACEMENT (PVST-101)	00722200	3/22/2023	\$ 12,553,920	\$ 0	\$ 0	\$ 0	\$ 0	\$ 391,511	\$ 1,949,409	\$ 2,340,920
Project Engineer:		12/29/2025								
Priority:		Location/Description: Replacement of existing fuel cell technology <input type="checkbox"/>								
Ext. Fund Potential: Not Applicable		Justification: To provide economic digester gas utilization <input type="checkbox"/>								
Current Stage: Proposed		Comments: 4/14/16 Add project per CIP Wastewater Vetting Meeting 4/13/16. sw4/27/16 Per CIP Edits received from RO: change need by date from 12/18/2021 to 6/30/2025 project rebased. sw5/23/18: Per CIP edits project was rebased. ND <input type="checkbox"/>								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF MAIN ENTRANCE GATE MODIFICATION	00725100	8/1/2021	\$ 190,000	\$ 0	\$ 0	\$ 0	\$ 188,993	\$ 1,007	\$ 0	\$ 190,000
Project Engineer: Buenagua, Gabriel X4333		7/26/2022								
Priority:		Location/Description: To widen the entrance gate access to the PVRWRF.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 3/6/19 Per CIP, project has been added. JC6/24/19 Per RO's request, start date has been modified from 6/1/21 to 8/1/21.JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
PVRWRF SIDE STREAM TREATMENT (PVST-100A)	00722170	9/11/2022	\$ 7,825,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 952,824	\$ 3,094,524	\$ 4,047,348
Project Engineer:		3/20/2025								
Priority:		Location/Description: AERATION BASIN STYLE SIDE STREAM TREATMENT INCLUDING BLOWERS <input type="checkbox"/>								
Ext. Fund Potential: Low / Not Likely		Justification: TO PROVIDE SUFFICIENT AMMONIA TREATMENT PRIOR TO A FULL FACILITY EXPANSION. <input type="checkbox"/>								
Current Stage: Proposed		Comments: 4/14/16 Add project per CIP Wastewater Vetting Meeting 4/13/16. sw4/26/16: Per CIP Edits received from RO, extend start date from 9/10/19 to 9/10/21, project rebased. sw 3/16/17: Per AGM on 3/10/17; change project start date from 9/10/21 to 9/10/20, project rebased. sw 5/10/18 Per CIP edits, project finish date has been revised from 3/20/23 to 3/20/24 and project was rebased. JC5/16/18 Per CIP edits, project finish date has been revised from 3/20/24 to 3/20/25 and project was rebased. JC <input type="checkbox"/>								

FIVE YEAR FORECAST



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
PVRWRF TO CR&R DG GAS LINE ALIGNMENT STUDY	00724340	9/1/2023	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000	\$ 150,000
Project Engineer:		1/12/2024								
Priority:		Location/Description: <input type="checkbox"/>								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 2/14/18 Project was added per FY 18/19 CIPP. JC <input type="checkbox"/>								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
PVRWRF VACTOR TRUCK DUMP STATION	00724640	8/1/2019	\$ 500,000	\$ 0	\$ 94,708	\$ 405,292	\$ 0	\$ 0	\$ 0	\$ 500,000
Project Engineer: Chen, William J X6208		5/1/2021								
Priority:		Location/Description: Design and construct facility for dumping and processing solids from vector trucks.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 5/14/18 Per CIP edits, project has been added with a finish date of 1/31/20 and a \$500K total budget. JC5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC <input type="checkbox"/>								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
QUAIL VALLEY AREA 4 STUDY	00725620	10/1/2019	\$ 500,000	\$ 0	\$ 107,159	\$ 344,318	\$ 48,523	\$ 0	\$ 0	\$ 500,000
Project Engineer:		10/2/2021								
Priority:		Location/Description: Preparing a planning study for quail valley - area 4. This effort is expected to be 100% externally funded.								
Ext. Fund Potential: High / Probable		Justification:								
Current Stage: Proposed		Comments:								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
QUAIL VALLEY SEWER IMPRVS, SUB AREA 1-8	00103320	8/1/2033	\$ 68,641,400							\$ 0
Project Engineer:		6/3/2037								
Priority: Medium		Location/Description: The Quail Valley community is located to the northeast of Canyon Lake, within the city of Menifee. The project will install a new sewer system to alleviate the problem of failing septic tanks within the community that ultimately contaminate the water in Canyon Lake. The wastewater will be conveyed to EMWD's existing gravity sewer system along Berea Road, which is a tributary to the Sun City Lift Station. The Sun City Lift Station conveys wastewater to the Perris Valley RWRF for treatment. <input type="checkbox"/>								
Ext. Fund Potential: Required		Justification: New sewer system to alleviate problems with contaminated water in Canyon Lake.								
Current Stage: Proposed		Comments: 10/30/09 CIP Review meeting - schedule changes. 11/5/09 LF03/20/2014 Prelim design pushed out to 08/2022. RO 9/20/16 Per Demian B., pushed project start out from 8/1/2021 to 8/1/2033 to accomodate const. finish to 10/28/36. Project requested to be outside 10 year CIP. cg <input type="checkbox"/>								



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
QUAIL VALLEY SEWER IMPRVS, SUB AREA 9	00103310	12/1/2005	\$ 9,000,000	\$ 24,723	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer: Jorgensen, Erik L. X4471		1/21/2037								
Priority: Medium		Location/Description: Install new sewer system to alleviate problems with contaminated water in Canyon Lake. The west portion of subarea 9 to gravity flow into existing Goetz L.S., and west portion to gravity flow to EVMWD sewers. □								
Ext. Fund Potential: Required		Justification: New sewer system to alleviate problems with contaminated water in Canyon Lake.								
Current Stage: On Hold		Comments: Construction contingent upon funds from outside sources. Phase II combined with this project.3/20/09 changed title from Quail Valley Sewer Improvements per Armondo.CIP Review meeting schedule changes on 10/30/09. LF 11/5/09. Rebased per CIP Review 11/6/09ssh. Rebased per CIP review 4/16/10 ssh. PAR for \$223615.73 and Board Letter 7/16/2008 requesting additional \$213,300. Due to project starting prior to loading into system and section on hold, costs were manually reviewed and adjusted per PCTS 11/1/12 ssh.3/21/14- Project has been rebased per CIP 14/15 Prioritization Effort. Final Design was pushed out to start in 2019. cg9/20/16 Per Demian B., pushed final design start date from 2021 to 10/2033 to accomadate construction need by on 10/24/2036.Project costs requested to be outside 10 year CIP. Since project is shelved, moved from active to CIP planned. cg□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RECORD RD 21-30 INCH EXPANSION	00722760	12/10/2023	\$ 5,930,880	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 123,306	\$ 123,306
Project Engineer:		10/16/2028								
Priority:		Location/Description: Record Rd near Odell St - 300 ft of 21" pipe, 2,400 ft of 30" pipe□								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 8/23/16 Per DB and JW pushed start date out 1 year, from 7/1/21 to 7/1/22 and project rebased. cg5/3/18 Per CIP edits project completion date revised from 11/27/26 to 5/7/28 and project was rebased. nd□								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RIDER ST 21 INCH REPLACEMENT	00724980	5/1/2021	\$ 3,954,000	\$ 0	\$ 0	\$ 72,284	\$ 452,420	\$ 2,719,158	\$ 710,138	\$ 3,954,000
Project Engineer:		11/13/2023								
Priority:		Location/Description: 1,340 ft of 21" pipe in Rider St Between Evans Rd and Old Evans Rd								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 3/6/19 Per CIPP, project added with a need by date of 10/2020 and a project cost of \$3.95M.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RULE 21 INTERCONNECT AGREEMENT WITH SCE FOR CLOSED TRANSITION	00720670	12/27/2024	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		4/13/2026								
Priority: Medium		Location/Description: Install grounding banks and telemetry to support agreements at three RWRF's (PV, MV and SJV)□								
Ext. Fund Potential:		Justification: Process Improvement.□								

Current Stage: Proposed

Comments:

Project was added per 2014/15 Annual CIP Prioritization list. 4/1/14 per EJ need by date updated to 11/2015. cg7/13/15 Per Eric J., project pushed out from 3/31/15 to 11/16/15. cg11/09/2015- Project was deferred to 2024. RO

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RWRF BLOWER ELECTRIFICATION	00723790	7/6/2017	\$ 13,698,850	\$ 3,810,607	\$ 8,420,063	\$ 998,542	\$ 0	\$ 0	\$ 0	\$ 9,418,605
Project Engineer: Li, Xiaoxue X4313		1/21/2021								
Priority: Medium		Location/Description:	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.							
Ext. Fund Potential: Medium / Possible		Justification:	Project needed by Jan 2019 to avoid AQMD Fines for noncompliant to Rule 1110.2							
Current Stage: Construction		Comments:	2/27/17 New Project added per EJ at CIP Review mtg. Per Jeff Wall, project needed to avoid AQMD fines from Rule 1110.6/22/17 At the direction of Marc Serna, pushed out start date from 4/11/17 to 4/27/17 to accommodate a revised bid award date of 4/11/18. (MS revised bid award start was 4/11/19 but due to AQMD fines possibility verified with EJ that this project was needed sooner, changed to 4/11/18 per email from EJ 6/22/17). Project rebased. cg8/11/17 Per email from Warren Huang, at project kickoff meeting, schedule was discussed and approved to get pushed out 6 months. Executives attended and approved. (Jeff Wall, Joe Mouawad.) Project rebased. cg03/19/18- Project to budgeted cost increased to \$13M per Erik J. RO3/20/18 Project finish date extended from 11/4/19 to 12/3/19 per Erik J. JC5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC6/22/18: Per Marc Serna's request the project completion date was revised from 12/23/2019 to 09/23/20 and project was rebased. ND6/22/18: Disregard previous notation due to project being current and active. Project rebased. ND6/25/18: Per Erik J. Project construction finish was change from 8/26/19 to 6/1/20. Project was rebased. ND6/25/18: Per Marc Serna Project Completion date was changed to 5/26/21 and project was rebased. ND5/10/19: CO added and associated. Project cost adjusted per approved PAR.CMD							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RWRF CONDITION REHAB	00725230	9/1/2019	\$ 1,000,000	\$ 0	\$ 57,910	\$ 184,320	\$ 302,917	\$ 420,771	\$ 34,081	\$ 999,999
Project Engineer:		7/28/2023								
Priority:		Location/Description:	Assess all plants for deficiencies and maintenance needs.							
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments:	4/4/19 Per CIP Executive review increase budget to \$11 Mil and Revise Title to Condition Rehab from Condition Assessment - spread cost to 23/24 3/6/19 Per CIPP, project has been added with a finish date of 06/2024 and a total project cost of \$1M.CMD 7/26/19 Per CIP edits approved by John W. start date has been modified from 8/2020 to 9/2019.JC							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RWRF NUTRIENT LOADING AND TREATMENT EVALUATION	00724810	10/15/2018	\$ 379,551	\$ 10,288	\$ 18,000	\$ 6,711	\$ 0	\$ 0	\$ 0	\$ 24,711
Project Engineer: Li, Xiaoxue X4313		1/1/2021								
Priority:		Location/Description:	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.							
Ext. Fund Potential:		Justification:	Need exists to validate 2015 Master Plan triggers and to assess impacts to wastewater treatment plant processes.							

Current Stage: Facilities Planning **Comments:** 9/6/18 Per CIP quarterly meeting slide 19 of the presentation, project has been added.JC7/26/19 Per CIP edits approved by John W. finish date has been modified from 12/31/2019 to 12/31/2020 and budget was increased from \$35K to \$175K.JC

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RWRF SCADA STANDARDS DEVELOPMENT		9/15/2019	\$ 125,000	\$ 0	\$ 111,637	\$ 13,363	\$ 0	\$ 0	\$ 0	\$ 125,000
Project Engineer:		8/15/2020								
Priority:		Location/Description: Develop a standard guideline for SCADA integration into CIP projects for RWRFs.Planning Study only.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 4/4/19: Per email from EJ on 3/26/19, project added as late CIP request.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
RWRF SIDE STREAM TREATMENT PLANNING	00724320	2/20/2019	\$ 232,840	\$ 114,549	\$ 118,291	\$ 0	\$ 0	\$ 0	\$ 0	\$ 118,291
Project Engineer: Li, Xiaoxue X4313		9/30/2019								
Priority:		Location/Description: The intent of the project is that of developing an approach for nutrient removal using side stream treatment rather than a general and ambiguous title of "nutrient removal". 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 the 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.								
Ext. Fund Potential:		Justification:								
Current Stage: Facilities Planning		Comments: 2/14/18 Project was added per FY 18/19 CIPP. JC3/20/18 Per CIP edits from Erik J., start date was revised to 7/1/18 and rebased. JC9/18/18 Per request from Erik J, project has been renamed from PVRWRF Nutrient Removal to RWRF Side Stream Treatment Planning.JC ☐								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SAN JACINTO RIVER CROSSING FEASIBILITY STUDY	00724990	7/1/2019	\$ 65,000	\$ 0	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 65,000
Project Engineer:		3/28/2020								
Priority:		Location/Description: Study evaluating the feasibility and projecting cost/schedule information of a gravity sewer crossing the San Jacinto river.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 3/6/19 Per CIPP, project added with a need by date of 12/2019 and a total project cost of \$100K								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SAN JACINTO VALLEY INTEGRATED RECLAMATION PLAN	00724280	3/18/2019	\$ 449,000	\$ 140,398	\$ 262,355	\$ 46,247	\$ 0	\$ 0	\$ 0	\$ 308,602



FACILITY TYPE:

SEWER**Project Engineer:** Boettcher, Demian X4813**9/29/2020****Priority:****Location/Description:**

Advancement of future phases of PWR is dependent on implementation of certain improvements to the recycled water and wastewater conveyance systems in San Jacinto Valley. The sequence, timing, and integration of proposed improvements will be evaluated during this project.

Ext. Fund Potential:**Justification:**

A study is needed to determine the timing of Cawston LS being turned back on and how it impacts the Winchester area. □

Current Stage: Facilities Planning**Comments:**

02/20/19- Project was added per FY 18/19 CIPP effort prepared and vetted by the Planning group (Laura B. & Demian B.) RO 11/26/18 Per CIP Quarterly Meeting, title will be changed from Sanderson/Cawston Collection System Development Study to San Jacinto Valley Integrated Reclamation Plan and the finish date has been extended from 6/30/19 to 12/31/19. JC2/22/19 Per PE start date has been moved to 3/18/19 because that is when the kickoff meeting for this project is. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SANDERSON LS EXPANSION	00724000	5/18/2025	\$ 1,097,337	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:**10/22/2028****Priority:****Location/Description:**

Sanderson LS - Increase firm capacity by 4,000 gpm to 16,500 gpm □

Ext. Fund Potential:**Justification:**

Development driven (Deficiency type:Capacity)

Current Stage: Proposed**Comments:**

5/3/18 Per CIP edits project completion date revised from 3/8/25 to 6/30/28 and project was rebased. nd □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SANDERSON LS PARALLEL 24 INCH FORCEMAIN	00724010	10/29/2024	\$ 2,472,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:**6/16/2028****Priority:****Location/Description:**

Sanderson LS - 4,190 ft of 24" pipe □

Ext. Fund Potential:**Justification:**

Development driven (Deficiency type:Capacity)

Current Stage: Proposed**Comments:**

5/3/18 Per CIP edits project completion date revised from 10/18/25 to 2/16/28 and project was rebased. nd □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SJVRWRF 18 MGD EXPANSION	00101300	3/20/2031	\$ 51,206,000							\$ 0

Project Engineer:**2/11/2037****Priority:** Medium**Location/Description:**

As per Facility Master Plan prepared in 2004, the next expansion of wastewater treatment processes at the San Jacinto Valley Regional Water Reclamation Facility was identified to be a 18 million gallons per day (MGD) capacity expansion. □

Ext. Fund Potential:**Justification:**

Upgrade of a Wastewater Treatment Facility to meet capacity and nutrient removal requirements of State Water Resources Control Board. Schedule of this project will depend on sewer flow growth projections but should start planning phase when average flows reach 75% of plant capacity. □

Current Stage: Proposed**Comments:**

4/20/16 Per email received from Laura Barraza; change need by date from 10/12/2026 to 10/12/2065. sw4/21/16 Per email received from Laura Barraza; change need by date from 10/12/2065 to 10/12/26. sw 8/17/16: Per Demian B. and Laura B. extend need by date outside the 10yr CIP from 10/12/26 to 4/1/2036, project rebased. sw □

F I V E Y E A R F O R E C A S T



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
SJVRWRF 23 MGD EXPANSION (SJST-100C)	00722140	8/12/2059	\$ 83,995,000							\$ 0
Project Engineer:		4/8/2066								
Priority:		Location/Description: Full plant expansion of facilities required to bring total treatment capacity up to or exceeding 23 MGD. □								
Ext. Fund Potential:		Justification: To provide sufficient treatment capacity based on flow, BOD, TSS, and ammonia.□								
Current Stage: Proposed		Comments: 4/14/16 New project added per WWFMP spreadsheet provided by EJ. Need by date of 6/1/2065 by EJ. Baseline added. cg□								

					F I V E Y E A R F O R E C A S T					
Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
SJVRWRF CENTRATE EQ	00723720	4/12/2017	\$ 2,500,000	\$ 318,762	\$ 184,624	\$ 1,946,486	\$ 23,597	\$ 0	\$ 0	\$ 2,154,707
Project Engineer: Picazo Jr., Abdiel x4567		11/26/2021								
Priority: Low		Location/Description: This project is to perform final design for the SJVRWRFs Centrate Equalization System. This project includes: 1) converting one existing digester to centrate equalization tank, 2) a new pump station to receive and transfer collected centrate, and 3) a new centrate return pump station.								
Ext. Fund Potential: Not Applicable		Justification: □								
Current Stage: Final Design		Comments: 1/30/17: Per CIPP Projects Log from Demian B.; New project. sw2/27/17 Per CIP Review Mtg with EJ, project is not a study, but full construction project. Study removed from title, phases added and budget revised from \$175,000 to 3M. Project rebased. cg6/21/17 At the direction of Marc Serna, fac planning finish date was pushed out from 11/25/17 to 12/9/17 to accommodate a revised bid award start date from 12/6/18 to 12/20/18. Project rebased. cg 3/20/18: Per Erik Jorgensen, project inactive because Jeff Wall (Operations) indicated it was not needed at this time. bt4/16/18: Per email from RO and EJ, project renamed SJVRWRF Centrate Eq, final design phase set to start 7/1/18, construction completion scheduled for 12/31/19, budget adjusted to \$2,500,000, and project rebased; MVRWRF Centrate Eq split as separate project starting 12/18. bt5/1/18 Per CIP edits, project has been re-activated. JC6/22/18: Per Marc Serna's request the project completion date was revised from 9/23/19 to 12/22/20 and project was rebased. ND9/14/18: Project was rebased per RO. ND3/7/19 Per approved PE request, project has been rebased. JC								

					F I V E Y E A R F O R E C A S T					
Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
SJVRWRF DEWATERING BUILDING ODOR SCRUBBER	00719100	9/2/2024	\$ 2,688,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		6/5/2027								
Priority: Ongoing		Location/Description: Evaluate alternatives to replace the existing dewatering building odor scrubber at the SJVRWRF.□								
Ext. Fund Potential:		Justification: The existing scrubber is 24 years old and is nearing its end-of-life.□								
Current Stage: Proposed		Comments: 11/22/14 Budget updated per CIP Vetting meeting minutes of 10/22/14 from 900K to 2.2M. cg10/07/2015: Budget increased to \$2,800,000 per Erik's 5 Year CIP budget edits dated 10/201511/19/15- Project start date was pushed in to 12/2018 per JM. RO11/19/15: Project was rebased per email from RO. bt4/26/16: Per CIP Edits received from RO, change construction need by date from 12/15/2020 to 3/15/2021 project rebased. sw 5/3/16 Per CIP Edits received from RO, construction need by date has been changed from 3/15/21 to 6/13/2025, project rebased. cg5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC3/4/19 Per CIP edits, project start date has been pushed out of the 5 year. Project start date has been modified from 3/2023 to 9/2024.CMD								

					F I V E Y E A R F O R E C A S T					
Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total

SJVRWRF DIGESTER GAS BENEFICIAL USE & COMPRESSION	00718590	9/2/2024	\$ 8,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:	9/21/2028								
Priority: High	Location/Description:	Project is needed to evaluate alternatives for beneficial use of digester gas in light of tightening regulations for emissions. □							
Ext. Fund Potential:	Justification:	Project will prevent flaring and wasting of digester gas. □							
Current Stage: Proposed	Comments:	03/18/2014- Project pushed out to 02/2015 per EJ and JJW. RO11/12/14 Per Vetting mtg minutes of 10/22/14, project start date moved from 2/2015 to 2/2016. cg10/19/15 Per 10/19/15 Executive FY16-17 5 year CIP Meeting extend project out 2 years. sw10/30/2015: This project was deferred to 4/2019 per the latest CIP Executive deferral meeting held on 10/26/2015. RO11/2/15: This project has been rebased per the following: This project was deferred to 4/2019 per the latest CIP Executive deferral meeting held on 10/26/2015. sw11/19/2015- Project start date revised to 04/2018 per Joe Mouawad. RO 11/20/15: Project was rebased per email from RO. bt1/30/17: Per CIPP Projects Log from Demian B.; change need by date, RO change start date from 4/2/18 to 4/2/17 to accomodate new need by date, project rebased. sw 2/27/17 Per CIP meeting with EJ, start date moved from 4/2/17 to 3/2/18, budget reduced from \$6M to \$4.5M and redistributed, and project rebased. bt3/20/18: Per CIP edits from Erik J, start date moved from 3/2/18 to 3/2/19 and project rebased. Project is deferred pending securing external funding. bt 05/11/2018: Revised project finish date to 11/2023 and increased total project cost to \$8.5M per Marc Serna. Project rebased. RO5/16/18 Per CIP edits, project finish date has been revised from 11/8/23 to 11/8/24 and project was rebased. JC □							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SJVRWRF MODEL PREDICTIVE CONTROL PILOT	00725660	12/15/2019	\$ 125,000	\$ 0	\$ 54,169	\$ 70,831	\$ 0	\$ 0	\$ 0	\$ 125,000
Project Engineer:	12/15/2020									
Priority:	Location/Description:	□								
Ext. Fund Potential:	Justification:									
Current Stage: Proposed	Comments:	7/29/19 Per CIP edits approved by John W, project was added with \$125K budget.JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SJVRWRF PLANT 1 REHAB	00718650	1/11/2019	\$ 7,836,868	\$ 179,455	\$ 419,195	\$ 959,777	\$ 6,018,195	\$ 223,505	\$ 0	\$ 7,620,672
Project Engineer: Picazo Jr., Abdiel x4567	10/21/2022									
Priority: Medium	Location/Description:	The San Jacinto Valley Regional Water Reclamation Facility (SJVRWRF) Plant 1 was constructed in the mid-1960s and was taken offline in 2013 following completion of SJVRWRF Plant 2 Expansion Project. A condition assessment of the SJVRWRF Plant 1 facilities done in March 2018 recommended incorporating the Plant 2 primaries as the feed to the Plant 1 secondary process. This recommendation simplifies the rehabilitation of Plant 1 and allows the Plant 1 primaries to be reserved for alternative use.								
Ext. Fund Potential:	Justification:	With recent growth in the service area, returning Plant 1 to active service is needed.								
Current Stage: Preliminary Design	Comments:	Moved Start Date from 9/17/14 to 11/5/15 per EJ email 10/22/14 (needed to move start date to update CIP data date). cg11/10/14 Moved start date and revised durations per 10/22/14 CIP Vetting mtg minutes and RO direction. cg3/8/16 Moved start date from 1/5/16 to 11/12/17 per 2/9/16 WWET meeting minutes and rebased. bt1/18/17: Per CIPP Projects Log from Demian B.; extend need by date from 12/31/18 to 12/31/20, project rebased. sw6/14/17: The start date for this project has been brought in from 11/13/19 to 7/1/17 per meeting held with Marc Serna, Laura Barraza and Erik Jorgensen on 6/14/17. Project schedule has been rebased. cg3/20/18: Per CIP edits from Erik J, project start moved from 1/1/18 to 9/22/18; project rebased. bt5/11/18: Project finish date pushed out to 2021 per Marc Serna. Project rebased. RO6/22/18: Per Marc Serna's request the project completion date was revised from 2/7/21 to 9/7/20 and project was rebased. ND6/25/18: Per Erik J. Project Final Design completion date was changed from 8/23/19 to 3/4/2020. Project was rebased. 3/13/19 Per RO's email project cost was updated based on project cost estimate provided by PE. JC								



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SJVRWRF SCREW CONVEYOR IN DEWATERING BUILDING	00724890	11/1/2018	\$ 770,700	\$ 53,053	\$ 732,745	\$ 0	\$ 0	\$ 0	\$ 0	\$ 732,745
Project Engineer: Buenagua, Gabriel X4333		5/11/2020								
Priority:		Location/Description: The proposed screw conveyors will replace existing old belt conveyors (yr 1988) for the sludge dewatering. This is to reduce sludge cake spills in the building and reduce migration of hydrogen sulfide, moisture, and other corrosive gases coming off the sludge cake to other areas in the building.								
Ext. Fund Potential:		Justification:								
Current Stage: Construction		Comments: 10/31/18 Per PE request project has been added with dates and cost provided by Gabriel B. JC 3/4/19 Per CIP edits, total project budget modified from \$275K to \$505K with \$475K allocated to construction.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SJVRWRF SIDE STREAM TREATMENT (SJST-100A)	00722210	12/22/2023	\$ 6,581,760	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 460,770	\$ 460,770
Project Engineer:		1/12/2027								
Priority:		Location/Description: Aeration basin style side stream treatment including blowers at the SJVRWRF. □								
Ext. Fund Potential:		Justification: To provide sufficient ammonia treatment prior to a full facility expansion □								
Current Stage: Proposed		Comments: 05/11/18: Project finish pushed out to 07/2021. Project rebased. RO □								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SJVRWRF VACTOR TRUCK DUMP STATION	00719800	2/8/2020	\$ 3,000,000	\$ 0	\$ 358,500	\$ 969,725	\$ 1,660,207	\$ 11,568	\$ 0	\$ 3,000,000
Project Engineer: Chen, William J X6208		8/1/2022								
Priority: Ongoing		Location/Description: Design and construct a facility for dumping and processing solids from vactor trucks at the SJVRWRF. □								
Ext. Fund Potential:		Justification: Need lined concrete basins to store material (non-sludge, grit etc. from vactor trucks) to dry-out without percolating into the ground. □								
Current Stage: Proposed		Comments: 11/12/14 Per CIP Vetting mtg minutes of 10/22/14, revised budget from 512K to 660K, revised start date from 7/2016 to 9/2016. cg1/18/17: Per CIPP Projects Log from Demian B.: increase budget from \$660,000 to \$1,500,000 and extend need by date from 12/5/18 to 12/5/20, project rebased. sw1/30/17: Per CIPP Projects Log from Demian B.; change title from SJVRWRF Vactor Truck Dump Station to Vactor Truck Dump Station. sw2/27/17 Per CIP meeting with EJ, start date moved from 9/13/19 to 9/13/20 and project rebased. bt4/5/18 Per CIP edits, project start date was revised from 9/13/20 to 12/1/18 and rebased. JC5/1/18 Per CIP edits, project finish date has been revised from 5/23/20 to 7/31/21 and project was rebased. JC5/11/18: Project pushed out to 07/2021 and project rebased. RO3/4/19 Per CIP edits, project budget modified from \$1.5M to \$3M.CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SKY CANYON 36 INCH EXPANSION	00722710	9/21/2017	\$ 17,169,625	\$ 568,935	\$ 676,060	\$ 950,840	\$ 5,836,969	\$ 8,573,997	\$ 493,826	\$ 16,531,692
Project Engineer: Li, Xiaoxue X4313		10/16/2023								



FACILITY TYPE:

SEWER**Priority:** Medium**Location/Description:** The Sky Canyon Sewer Project will install approximately 6,670 linear feet of 36-inch diameter sewer pipeline along or next to Winchester Road in Murrieta, Ca. The pipeline route is planned to extend from Hunter Road to Murrieta Hot Springs Road.**Ext. Fund Potential:** Low / Not Likely**Justification:** Development driven (Deficiency type:Expansion)**Current Stage:** Final Design**Comments:** 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. sw 3/15/17 Per CIP Edits from John Ward, brought in start date from 7/1/21 to 7/1/19 and rebased. cg 04/20/2017 Project start date revised to 07/01/17 per Demian B. RO06/28/17- Project pushed out to push out \$5M outside teh 5 Year window. Project rebased. RO6/29/17: Project brought back in and rebased as part of CIP vetting process. bt2/13/18 Per CIPP Edit Log provided by Damien this project's construction finish date changed from 4/26/23 to 3/3/24. Project has been rebased. JC03/08/18 Per Demian B. and Laura B. the lag between spec review and bid award was removed. Project is rebased. RO. 5/4/18 Per CIP edits approved by PM, project finish date has been revised from 4/7/22 to 9/1/21 and project was rebased. JC5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC9/14/18: Project was rebased per RO. ND3/15/19: Per CIP finalization meeting, project completion date pushed to 6/2023 from 11/2022.CMD

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SOBOBA SEWER FLOW STUDY Project Engineer: Priority: Ext. Fund Potential: Current Stage: Proposed	00724350	7/1/2019 3/26/2020	\$ 100,000	\$ 0	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
Location/Description:	This study will evaluate the ultimate solution for providing sewer service to the Soboba Resort. □									
Justification:	This study will evaluate the ultimate solution for providing sewer service to the Soboba Resort. □									
Comments:	02/14/2018: This project was added per FY 18/19 CIPP effort led by the Planning group. RO □									

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SOUTHERN WINE COUNTRY INFRASTRUCTURE PHASING PLAN Project Engineer: Paris, Michael G. X4445 Priority: Ext. Fund Potential: Current Stage: Facilities Planning	00725550	6/27/2019 3/16/2020	\$ 102,000	\$ 0	\$ 102,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 102,000
Location/Description:	The study will develop a phasing plan to extend sewer infrastructure into the Southern Wine Country Community Plan area. Phasing plan will accomodate recent development inquiries in the area, and provide refined cost estimate for each phased increment.									
Justification:										
Comments:	5/24/19: Project created per pproved PAR. CMD									

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
STETSON AVE 15 INCH PIPELINE REPLACEMENT (SJVSC-109A) Project Engineer: Priority: Medium Ext. Fund Potential: Low / Not Likely	00723710	8/29/2024 12/18/2027	\$ 1,250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Location/Description:	2640 Ft of 15" pipe in Stetson Ave from Lyon Ave to Palm Ave. □									
Justification:	Existing pipelines exceed d?D design criteria. Existing d/D = 0.49, BO d/D = 0.76.									

Current Stage: Proposed

Comments:

1/30/17: Per CIPP Projects Log from Demian B.; new project. sw2/27/17 Per CIP Review mtg with EJ, brought in start date from 6/15/17 to 5/15/17, add lag between spec review and bid award of 1 year, rebased. cg4/17/17: Per email request from Rania O and Demian B: change location/description from " Stetson Ave from Lyon Ave to Gilbert St" to Stetson Ave from Lyon Ave to Palm Ave". sw6/14/17 Per meeting with Dir of Eng Marc Serna, Laura Barraza, & Erik Jorgensen change the following: Construction finish date to 6/1/2022; remove lag between Spec Review 1 and 2; push schedule out two years, project rebased. sw 02/27/2018: Project finish date was pushed out 5 years, from 08/30/2022 to 08/30/2027 per CIP comments provided by Demian B. The project was rebased. RO ☐

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
STONEY MOUNTAIN RANCH LS REPLACEMENT AND EXPANSION	00724370	6/18/2022	\$ 5,265,000	\$ 0	\$ 0	\$ 0	\$ 2,147	\$ 352,702	\$ 540,201	\$ 895,050
Project Engineer:		1/28/2027								
Priority:		Location/Description: Stoney Mountain Ranch LS - Increase firm capacity by 410 gpm to 700 gpm☐								
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Capacity)								
Current Stage: Proposed		Comments: 3/13/18 Per CIP edits from RO, moved project out 3 years to finish on 8/12/25 and rebased. bt5/3/18 Per CIP edits project completion date revised from 8/12/25 to 1/27/27and project was rebased. nd☐								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
SUN CITY L.S. ELECTRICAL UPGRADE		2/8/2016	\$ 4,034,650	\$ 3,610,986	\$ 211,457	\$ 0	\$ 0	\$ 0	\$ 0	\$ 211,457
Project Engineer: Allred, Jeffrey X4296		10/20/2019								
Priority: Medium		Location/Description: This project is located at the Sun City Lift Station located at 29285 Valley Blvd. in the City of Menifee and includes replacing existing electrical and HVAC equipment.☐								
Ext. Fund Potential: Low / Not Likely		Justification: Replace electrical and HVAC equipment that was damaged by hydrogen sulfide corrosion and beyond its useful life.								
Current Stage: Construction		Comments: 7/29/15 This project has been approved by Rania and ready to be released. Daniel will let me know when to move this to active; not ready yet, possibly September per Daniel. If12/23/15 Per Ed Serna email dated 12/23/15, project start date revised 2/8/16. Also added Spec Review and bid/Award phases as requested. cg3/20/17; Per rebase request from Jeff A.; extend Final Design finish date from 3/31/17 to 5/30/17, project rebased. sw 6/21/17: Per direction from Marc Serna, Bid Award start has been moved from 10/15/17 to 9/26/17, and the project has been rebased. bt12/26/17 Updated Project budget from 2M to 3,767,500 per latest project cost estimate included with construction award. cg05/10/18: Project moved from maintenance to CIP per Marc Serna and Joe Mouawad. RO ☐								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TEMECULA VALLEY I AND I INVESTIGATION	00725560	7/15/2019	\$ 97,766	\$ 0	\$ 97,766	\$ 0	\$ 0	\$ 0	\$ 0	\$ 97,766
Project Engineer: Paris, Michael G. X4445		1/31/2020								
Priority:		Location/Description: 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								
Ext. Fund Potential:		Justification:								

Current Stage: Facilities Planning **Comments:**

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TURISMO LN AND MURRIETA RD 10-12 INCH EXPANSION	00722680	12/10/2023	\$ 5,598,720	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 116,401	\$ 116,401
Project Engineer:		10/6/2028								
Priority:		Location/Description:	On Citrus Ave from Escondido Way to Vivalada Way to Moraga Ave to Turismo Ln then S to Nuevo Rd - 1,080 ft of 10" pipe, 2,450 ft of 12" pipe							
Ext. Fund Potential:		Justification:	Development driven (Deficiency type:Expansion)							
Current Stage: Proposed		Comments:	8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. sw 8/23/16 Per DB and JW pushed start date out 1 year, from 7/1/21 to 7/1/22 and project rebased. cg5/3/18 Per CIP edits project completion date revised from 11/27/26 to 5/7/28 and project was rebased. nd							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF 23 MGD EXPANSION	00099300	4/9/2007	\$ 97,597,349	\$ 95,228,059	\$ 2,259,467	\$ 114,253	\$ 0	\$ 0	\$ 0	\$ 2,373,720
Project Engineer: Li, Xiaoxue X4313		8/27/2020								
Priority: Medium		Location/Description:	Located at the Temecula Valley Regional Water Reclamation Facility, this project will provide 5 MGD additional total capacity by constructing Plant 3 including new primary, secondary, tertiary, solids handling, and effluent pumping facilities / storage.							
Ext. Fund Potential: Medium / Possible		Justification:	□							
Current Stage: Construction		Comments:	Board letter was approved on 4/2/08. Processed PAR on 4/16/08. Costs updated 8/27/09 per PAR 2007/071B. Gap put in between B/P and B/A and rebased 10/7/09ssh. Costs updated per LMS 10/9/09 ssh. Resource allocation updated 10/19/09 ssh. Named changed per email 10/23/09 ssh.Project rebased per WWET 1/8/10 ssh. On 8/15/13 Per email request on 8/15/13 from Rania/Erik to rebase . Imf 7/15/14 B/Reveiw pushed out from 8/1/14 to 10/15/14. Rebased per email from RO dated 7/15/14 and WWET approval 7/10/14. cg9/25/14 TVRWRF Digester Gas Pipeline Replacement and TVRWRF Plant 1 Primary Cover and Hut Assessment (planned projects) have been included in this project. Budget from Digester Gas Pipeline (\$1,741,000) and Plant 1 Hut Assessment (\$1,024,100) has been added to budget, increasing from 88,824,384 to 91,589,484. cg9/29/14 TVRWRF Fiber Optic (1,300,000) added to budget. cg9/29/14 Per email from John Ward and Exec mtg of 9/24/14, project advertise date to be 1/13/15 with construction duration at 1200 days. Project rebased. cg11/10/14- Per CIP Vetting 10/22/14 mtg minutes, Chlorine2 Analyzer Replacement Project was combined with TVRWRF 23 MGD Project. Budget of 250K added. cg12/16/14 PerWWET mtg, bid REview extended to 3/24/15 and project rebased. cg4/15/15 PerWWET mtg of 4/8/15 bid review extended to 6/30/15 and project rebased. cg11/30/15 Modified Project Budget from 97,862,448 to 99,230,001 per latest Project Cost Estimate dated 11/16/15. cg6/21/16 Per email received from Scott Lopian TVRWRF Blower Building Engine Cooling Piping Replacement project will be incorporated into the TVRWRF 23 MGD and processed as a change order. The budget of \$19,400 from that project will be added to the TVRWRF 23 MGD budget from \$99,230,001 to \$99,249,401. sw							

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	FIVE YEAR FORECAST					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF 30 MGD EXPANSION (TVST-100C)	00722160	8/12/2031	\$ 60,814,000							\$ 0
Project Engineer:		4/7/2038								
Priority:		Location/Description:	Full plant expansion of facilities required to bring total treatment capacity up to or exceeding 30 MGD.							



FACILITY TYPE:

SEWER**Ext. Fund Potential:****Justification:**

To provide sufficient treatment capacity based on flow, BOD, TSS, and ammonia. □

Current Stage: Proposed**Comments:**4/14/16 New project added per WWFMP spreadsheet provided by EJ. Need by date of 6/1/2065 by EJ. Baseline added. CG4/20/16
Per email from Laura Barraza change need by date from 6/1/47 to 6/1/37. sw □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF AIR LINE REHABILITATION	00725670	12/15/2019	\$ 2,500,000	\$ 0	\$ 185,000	\$ 437,711	\$ 1,854,817	\$ 22,472	\$ 0	\$ 2,500,000
Project Engineer:		9/6/2022								
Priority:		Location/Description: □								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 7/29/19 Per CIP edits approved by John W, project was added with \$2.5M budget.JC								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF AND SJVRWRF LIGHTING UPGRADE	00722430	12/18/2018	\$ 1,475,572	\$ 0	\$ 69,633	\$ 1,405,939	\$ 0	\$ 0	\$ 0	\$ 1,475,572
Project Engineer: Picazo Jr., Abdiel x4567		2/19/2021								
Priority:		Location/Description: This project will replace existing light fixtures at the TVRWRF and SJVRWRF with energy efficient LED fixtures. Project Location: TVRWRF - 42565 Al/enida Alvarado, Temecula, CA 92590, SJVRWRF - 770 N. Sanderson Ave., San Jancinto CA 92SR3.								
Ext. Fund Potential:		Justification: Eliminate the need to replace bulbs. The bulbs burn out frequently (continuous use) and the fixtures are 2 stories high, requiring a lot of effort to coordinate a bulb change out. The result is that the room is partially lit most of the time. Staff must operate a forklift in the room every day and the partial lighting is a safety issue. □								
Current Stage: Final Design		Comments: 4/26/16 New project added per FY 16/17 CIP Edits, per Demian Boetcher. cg8/4/16 Project rebased per RO email 6/16/16. bt2/6/17 Project start date pushed out from 11/1/16 to 2/1/18 and rebased. Project waiting on Green Reserve Funding. cg2/27/17 Per CIP meeting with EJ, start date moved from 2/1/18 to 8/1/18 and project rebased. bt5/11/18: Project finish date was pushed out to 08/2020, total project cost increased to \$700K (Per Marc Serna) and project rebased. RO11/26/18 Per CIP Quarterly Meeting, title is being revised from TVRWRF Lighting Upgrade to TVRWRF and SJVRWRF Lighting Upgrade.JC11/29/18 Per Siva, start date of project will be 12/3/18 and spec review duration will be two years in order to receive external funding for the project this was approved by Erik J. JC3/4/19 Per CIP edits, project start date modified from 1/2019 to 1/2020.CMD								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF CENTRATE EQUALIZATION	00723910	5/25/2017	\$ 1,641,669	\$ 1,612,282	\$ 1,800	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,800
Project Engineer: Li, Xiaoxue X4313		11/22/2019								
Priority: High		Location/Description: Centrate storage and equalization system at the Temecula Valley Regional Water Reclamation Facility. □								
Ext. Fund Potential:		Justification: This project will provide control of ammonia loading to improve treatment plant operational flexibility and control of disinfection process. □								
Current Stage: Construction		Comments: 5/30/17 New project, not originally included in CIP. Per Sara, originally planned to incorporate into TVRWRF 23MGD as a change order, however, costs were too high and decided to bid as a separate maintenance project. Requested full budget amount for 16/17 forecast. cg 6/19/17 Per discussion with Sarah Li, ROW is not needed on this project, and ROW milestone has been eliminated. bt6/20/17: Per direction from Marc Serna, start of bid award has been moved from 6/15/17 to 7/25/17, and the project was rebased. bt1/3/18 Updated budget from 1,400,000 to \$1,641,669 per latest project cost estimate from construction award. cg □								



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF DEWATERING BUILDING ODOR SCRUBBER REPLACEMENT	00719200	12/30/2024	\$ 2,700,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		4/16/2026								
Priority: Ongoing		Location/Description: Evaluate alternatives to replace the existing Dewatering Building Odor Scrubber at the TVRWRF. □								
Ext. Fund Potential:		Justification: The existing scrubber is 22 years old and is nearing its end-of-life. □								
Current Stage: Proposed		Comments:								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF DIGESTER GAS BENEFICIAL USE	00721160	2/25/2019	\$ 4,177,600	\$ 84,088	\$ 32,583	\$ 482,492	\$ 2,711,218	\$ 773,339	\$ 0	\$ 3,999,632
Project Engineer: Li, Xiaoxue X4313		1/10/2023								
Priority: Low		Location/Description: The TVRWRF Digester Gas Beneficial Use Project will design digester gas line from the DG storage facility to TEPS.								
Ext. Fund Potential:		Justification:								
Current Stage: Preliminary Design		Comments: 2/4/15 Project added per CIPP FY 2015/16. Did not have project description. Emailed PM. cg4/13/16 Per CIP Wastewater Vetting Meeting; change title from TVRWRF Bio Gas Cogen to TVRWRF Digester Gas Beneficial Use, Budget from \$8M to \$7M, and change need by date from 1/1/25 to 4/1/21 project has been rebase. sw4/27/16 Per CIP Edits received from RO: reduce budget from \$7M to \$6M. sw 2/27/17 Per CIP Meeting with EJ, budget reduced from \$6M to \$4.5M and redistributed. bt3/20/18 Per CIP edits from Erik J, project start moved in from 12/26/18 to 7/15/18 and the project rebased. bt5/1/18 Per CIP edits, project finish date has been revised from 1/17/21 to 4/31/22 and project was rebased. JC5/11/2018: Project finish pushed out to 6/2021 per Marc Serna and rebased. RO 11/28/18 Per CIP Quarterly Meeting, TVRWRF Digester Gas Beneficial Use and TVRWRF and Heat Loop Rehabilitation have been consolidated into a single project as the TVRWRF Digester Gas Beneficial Use and budgets have been combined. JC9/4/19 Per CIP quarterly meeting, boiler component and \$1.5M has been removed from this project to become a stand alone project(TVRWRF Hot Water Broiler). JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF DISINFECTION SYSTEM MODIFICATIONS	00725530	2/15/2019	\$ 717,168	\$ 21,701	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer: Li, Xiaoxue X4313		6/14/2020								
Priority:		Location/Description: Construction of a piping system to feed sodium hypochlorite to existing chlorine contact basins 1 through 4 at the Temecula Valley Regional Water Reclamation Facility. TVRWRF, 42565 Avenida Alvarado, Temecula CA 92590								
Ext. Fund Potential:		Justification:								
Current Stage: Construction		Comments: 4/29/19 Per email from RO project has been added due to Erik J.'s request. JC								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF HOT WATER BOILER	00725710	9/20/2019	\$ 1,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Project Engineer:		1/2/2021								



FACILITY TYPE:

SEWER**Priority:****Location/Description:**

The design team will prepare a limited bid package for the procurement and installation of an additional natural gas fired hot water boiler to allow sufficient reliable heat to be provided once the Plant 1 blower building IC engines are taken out of service.

Ext. Fund Potential:**Justification:**

Current Stage: Proposed

Comments:

9/4/19 Per CIP quarterly meeting, project has been added as a stand alone project with a \$1.5M budget. The boiler component and budget was formerly a part of the TVRWRF Digester Beneficial Use project.JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
TVRWRF MULTI PURPOSE ROOM	00725110	4/1/2021	\$ 330,000	\$ 0	\$ 0	\$ 5,093	\$ 260,300	\$ 64,607	\$ 0	\$ 330,000

Project Engineer: Buenagua, Gabriel X4333

10/12/2022

Priority:**Location/Description:**

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

Ext. Fund Potential:**Justification:**

Current Stage: Proposed

Comments:

3/6/19 Per CIP, project has been added. JC

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
TVRWRF NUTRIENT SIDE STREAM TREATMENT	00721540	12/1/2020	\$ 5,000,000	\$ 0	\$ 0	\$ 388,728	\$ 1,567,666	\$ 3,043,606	\$ 0	\$ 5,000,000

Project Engineer:

3/6/2023

Priority: Ongoing

Location/Description:

Full scale system to to address deficiencies related to nutrient removal at the TVRWRF. □

Ext. Fund Potential:**Justification:**

Current Stage: Proposed

Comments:

5/11/18: Project finish pushed to 03/23 per Marc Serna. Project rebased. RO□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
TVRWRF PLANT 2 AIR LINE REPLACEMENT	00724590	7/29/2018	\$ 2,776,334	\$ 593,991	\$ 1,925,914	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,925,914

Project Engineer: Picazo Jr., Abdiel x4567

1/6/2020

Priority:**Location/Description:**

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.

Ext. Fund Potential:**Justification:**

The line was exposed as part of the TVRWRF 23 MGD Expansion project. Based on condition, a sizeable amount of the air line system will need to be replaced.□

Current Stage: Construction

Comments:

9/14/18: Project was rebased per RO. ND□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
TVRWRF STORMWATER ASSESSMENT AND IMPROVEMENTS	00725590	7/2/2019	\$ 94,900	\$ 0	\$ 94,900	\$ 0	\$ 0	\$ 0	\$ 0	\$ 94,900

Project Engineer: Li, Xiaoxue X4313

12/23/2019



FACILITY TYPE:

SEWER**Priority:****Location/Description:**

Perform a detailed hydrolic 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.

Ext. Fund Potential:**Justification:****Current Stage:** Facilities Planning**Comments:**

6/27/19: Project created per approved PAR. CMD

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
TVRWRF TEPS CATALYST RELOCATION AND TECOGEN	00725690	2/25/2019	\$ 1,571,900	\$ 0	\$ 11,176	\$ 347,684	\$ 944,773	\$ 268,267	\$ 0	\$ 1,571,900

Project Engineer: Buenagua, Gabriel X4333

1/10/2023

Priority:**Location/Description:**

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.

Ext. Fund Potential:**Justification:****Current Stage:** Preliminary Design**Comments:**

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
UPTOWN JEFFERSON SEWER	00720650	1/10/2028	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Project Engineer:

7/6/2030

Priority: Low**Location/Description:**

Sewer improvements that will be required to accommodate increased flows from the Uptown Jefferson Specific Plan land use changes. □

Ext. Fund Potential:**Justification:****Current Stage:** Proposed**Comments:**

Project listed in the 2014/15 Annual CIP Prioritization listing. cgPer Demain B., push out to finish in 2030. cg□

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
VACTOR TRUCK DUMP STATION ASSESSMENT	00724330	7/1/2019	\$ 40,000	\$ 0	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 40,000

Project Engineer:

12/29/2019

Priority:**Location/Description:** □**Ext. Fund Potential:****Justification:****Current Stage:** Proposed**Comments:**

2/14/18 Project was added per FY 18/19 CIPP. JC5/2/18 Per CIP edits, project finish date has been revised from 7/30/19 to 6/30/19 and project was rebased. JC3/4/19 Per CIP edits, project start date has been modified from 1/2019 to 4/2019.CMD

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WARM SPRINGS LIFT STATION ELECTRICAL EQUIPMENT REPLACEMENT	00725450	2/16/2017	\$ 2,419,915	\$ 376,706	\$ 1,046,281	\$ 968,830	\$ 0	\$ 0	\$ 0	\$ 2,015,111

Project Engineer: Buenagua, Gabriel X4333 **12/12/2020**
Priority: Medium **Location/Description:** 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. □
Ext. Fund Potential: Not Applicable **Justification:** Due to hydrogen sulfide corrosion and age, the existing electrical components are at the end of their useful life and are in need of replacement. □
Current Stage: Final Design **Comments:** 6/21/17 At the direction of Marc Serna, prelim design finish date was pushed from 7/30/17 to 8/13/17 to accommodate a revised bid award start date from 2/17/18 to 3/3/18. Project rebased. cg5/29/18 Per PE request, Final Design finish date was modified from 5/30/18 to 6/30/19 due to additional activity that was not captured in the original schedule, and project was rebased. JC3/18/19: Per discussion with Rania, Ed Serna, and Charles, project cut from maintenance EPS.CMD

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WARM SPRINGS LIFT STATION MANHOLE REHAB/REPLACEMENT	00725010	7/1/2019	\$ 1,000,000	\$ 0	\$ 99,431	\$ 639,684	\$ 260,885	\$ 0	\$ 0	\$ 1,000,000
Project Engineer:		1/11/2022								
Priority:		Location/Description: Manholes have H2S damage to the cement structure and need to be repaired. Manholes will be water blasted to see how much								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments:								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WARM SPRINGS LIFT STATION WET WELLS CONDITION ASSESSMENT	00725580	7/14/2019	\$ 41,000	\$ 1,499	\$ 8,521	\$ 23,017	\$ 7,963	\$ 0	\$ 0	\$ 39,501
Project Engineer: Chen, William J X6208		1/20/2022								
Priority:		Location/Description: Perform field investigation of the wet well interior and structural evaluation to determine the general condition and performance of the critical structure elements, such as existing concrete roof slab and load carrying walls are structurally sound and can remain in use.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 6/25/19: Project added per approved PAR. CMD								

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WARM SPRINGS LS WET WELL REPAIR AND RECOATING	00725030	7/1/2019	\$ 1,000,000	\$ 0	\$ 281,840	\$ 718,160	\$ 0	\$ 0	\$ 0	\$ 1,000,000
Project Engineer:		3/1/2021								
Priority:		Location/Description: Details to follow the conclusion of a study in February.								
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments:								

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
WICKERD RD SEWER	00724960	8/1/2019	\$ 1,600,000	\$ 0	\$ 152,370	\$ 222,498	\$ 1,218,963	\$ 6,169	\$ 0	\$ 1,600,000
Project Engineer:		7/31/2022								
Priority:	Location/Description: Replace existing 12-inch with 15-inch from Myrna St west to Menifee Rd.									
Ext. Fund Potential:		Justification:								
Current Stage: Proposed		Comments: 3/6/19 Per CIPP project added with a need by date of 5/2022 and a total project cost of \$1.6M.CMD								

					F I V E Y E A R F O R E C A S T					
Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
WINCHESTER LIFTSTATION ODOR CONTROL	00721190	11/14/2016	\$ 2,326,000	\$ 490,251	\$ 1,867,302	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,867,302
Project Engineer: Chen, William J X6208		6/17/2020								
Priority: Medium	Location/Description: Project will evaluate odor control alternatives for the Winchester Lift Station located on La Ventana Rd and Olive Avenue in Winchester, CA.									
Ext. Fund Potential: Low / Not Likely		Justification: The purpose of this project is to eliminate odors from the site affecting adjacent neighbors. □								
Current Stage: Construction		Comments: 2/4/15 Project added per CIPP FY 2015/16. Did not have need by date- used template durations. No budget provided. Emailed PM. cg7/13/15 Per Eric J., project pushed from 7/1/15 to 7/1/16. cg12/15/15: Per email received from Demian Boettcher, change title from Winchester Lift Station Odor Control to Winchester Lift Station Odor Control Study. sw3/14/16- No budget, used 2M as placeholder based on Sun City LS Odor Control, left email to EJ for confirmation. 3/15/16 Per email from EJ, updated budget to 2.8M. cg7/11/16 CIP Data Date change: Per email received from Erik Jorgensen extend date to 8/22/16. sw 7/14/16 Per email rebase request from Erik Jorgensen start date extended to 8/22/16, project rebased. sw 10/31/16 Revised project name from Winchester LS Odor Control STUDY, to Winchester Lift Station Odor Control, since this project schedule was build to include construction. cg6/21/17 At the direction of Marc Serna, prelim design finish date was pushed from 11/13/17 to 11/27/18 to accommodate a revised bid award start date from 7/2/18 to 7/16/18. Project rebased. cg2/13/18 Per CIPP Edit Log provided by Damien this project's construction finish date changed from 7/3/19 to 12/5/19. Project has been rebased. JC□								

					F I V E Y E A R F O R E C A S T					
Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
WINE COUNTRY PIPELINES PHASE IIA	00722660	10/18/2032	\$ 1,430,000							\$ 0
Project Engineer:		2/5/2036								
Priority:	Location/Description: Rancho California Road - 3,380 ft of 12" pipe□									
Ext. Fund Potential:		Justification: Development driven (Deficiency type:Expansion)								
Current Stage: Proposed		Comments: 7/26/16 Modified name from Facility MP Module of WINE COUNTRY PHASE IIA 12 INCH EXPANSION to conform to naming convention. cg02/27/2018: Project finish date updated from 06/30/2025 to 06/30/2022, updated external funding % to 90% (Developer project with EMWD oversizing) and rebased project. Changes requested by Demian B. as part of the CIP updates. RO5/3/18 Per CIP edits project completion date revised from 11/27/26 to 5/7/28 and project was rebased.nd□								

					F I V E Y E A R F O R E C A S T					
Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
WINE COUNTRY PIPELINES PHASE IIC	00718570	1/5/2033	\$ 1,700,000							\$ 0
Project Engineer: Jorgensen, Erik L. X4471		7/3/2035								



FACILITY TYPE:

SEWER**Priority:** Medium**Location/Description:** Phase 2C will construct new pipelines to serve the most northern and eastern portions of Wine Country. Two sections of sewer pipelines are included in Phase 2 C, a 4,050 LF 8-inch sewer along Glen Oaks Drive from Rancho California Road east to Camino Del Vino, and a 5,000 LF 8-inch along Warren Road and East Benton Road. □**Ext. Fund Potential:** Low / Not Likely**Justification:** The County of Riverside is proposing changes to the General Plan to promote the development of Temecula's Wine Country as a tourist destination. These proposed land use charges will significantly increase the amount of wastewater generated by this area. The District has proactively begun developing a plan to accommodate this proposed development by identifying sewer alternatives that will convey the wastewater to our existing collection system. □**Current Stage:** Proposed**Comments:** Per email from RO 11/5/14 Wine Country Phase 2 split into 3 separate projects. (Phase 2A is Developer, Phase 2B and 2C CIP Planned.) For Phase 2C Budget = 1.7M, start date 11/2026 cg02/27/2018- Need by dated pushed out to 2035 per Demian B. RO project rebased. □

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WINE COUNTRY SEWER PHASE IIB SECTION 1	00724290	10/18/2032	\$ 1,332,800							\$ 0
Project Engineer: 2/5/2036										
Priority: Location/Description: 2,380 lf of 21-inch sewer in Butterfield Stage Rd and Nicolas Rd from MH48098 to MH38452.										
Ext. Fund Potential: Justification: 2,380 lf of 21-inch sewer in Butterfield Stage Rd and Nicolas Rd from MH48098 to MH38452.										
Current Stage: Proposed Comments: 02/20/2018- Project added per FY 18/19 CIPP. RO 5/3/18 Per CIP edits project completion date revised from 6/30/21 to 10/18/35 and project was rebased. nd □										

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WINE COUNTRY SEWER PHASE IIB SECTION 2	00724610	4/6/2033	\$ 2,329,600							\$ 0
Project Engineer: 1/19/2036										
Priority: Location/Description: Replacement of 4,160 LF of existing sewer pipelines along Nicolas Road from MH38448 to MH04846 to support flow from Wine Country and Roripaugh Ranch Development. □										
Ext. Fund Potential: Justification: The existing 15-inch diameter pipelines require replacement with 21-inch diameter pipelines. □										
Current Stage: Proposed Comments: 02/27/2018: This is a new project that was added as a stand-alone for Phase IIB for section 2. RO 4/9/18 Per Erik J. request, facilities planning was moved up from 7/1/19 to 9/1/18 and project was rebased. JC5/3/18 Per CIP edits project completion date revised from 3/14/21 to 10/18/35 and project was rebased. nd □										

F I V E Y E A R F O R E C A S T

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	F I V E Y E A R F O R E C A S T					5 Year Period Total
					2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	
WINE COUNTRY SEWER PHASE IIB SECTION 3	00724620	4/6/2033	\$ 1,136,800							\$ 0
Project Engineer: 1/19/2036										
Priority: Location/Description: Replacement of 2,030 LF of existing sewer pipelines from MH04215 to MH03801 along Nicolas Road to support flow from Wine Country and Roripaugh Ranch Development. □										
Ext. Fund Potential: Justification: The existing 15-inch diameter pipelines require replacement with 21-inch diameter pipelines. □										
Current Stage: Proposed Comments: 5/3/18 Per CIP edits project completion date revised from 2/11/26 to 10/18/35 and project was rebased. nd □										

F I V E Y E A R F O R E C A S T



FACILITY TYPE:

SEWER

Project Name	CIP	Start Date/ Finish Date	Total Cost	Spent to Date	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24	5 Year Period Total
ZEIDERS RD 12-15 INCH EXPANSION	00722640	1/1/2023	\$ 1,733,760	\$ 0	\$ 0	\$ 0	\$ 0	\$ 111,207	\$ 176,083	\$ 287,290
Project Engineer:		4/21/2026								
Priority:	Location/Description: Zeiders Rd from Keller Rd to S of Scott Rd - 2,600 ft of 12" pipe, 1,500 ft of 15" pipe									
Ext. Fund Potential:	Justification: Development driven (Deficiency type:Expansion)									
Current Stage: Proposed	Comments: 8/10/16: Per RO and Demian B extend start date outside the current 5 year CIP. Extended to 7/1/21 project rebased. sw 3/15/17: Per John Ward request, facilities planning moved in 2 years from 7/1/21 start to 7/1/19 start and project rebased. bt 3/16/17 Per John Ward CIP Edit request, project pushed out 1 year from 7/1/19 to 7/1/20, rebased. cg4/20/17: Per RO email, project start moved from 7/1/20 to 1/1/23 and project rebased. bt02/27/2018: External funding % updated to 90% as this is a developer project with EMWD oversizing, per Demian B. RO 5/21/18 Project has been rebased due to revisions made by management 20180517 during the annual CIP update. JC									

SEWER SUBTOTAL

\$ 1,210,371,376	\$ 118,171,502	\$ 29,820,603	\$ 26,458,044	\$ 42,496,535	\$ 34,356,154	\$ 17,791,389	\$ 150,922,725
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REPORT TOTAL

\$ 1,210,371,376	\$ 118,171,502	\$ 29,820,603	\$ 26,458,044	\$ 42,496,535	\$ 34,356,154	\$ 17,791,389	\$ 150,922,725
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