

Investing in our
Community



Sherwood Forest Neighborhood - Phase 1

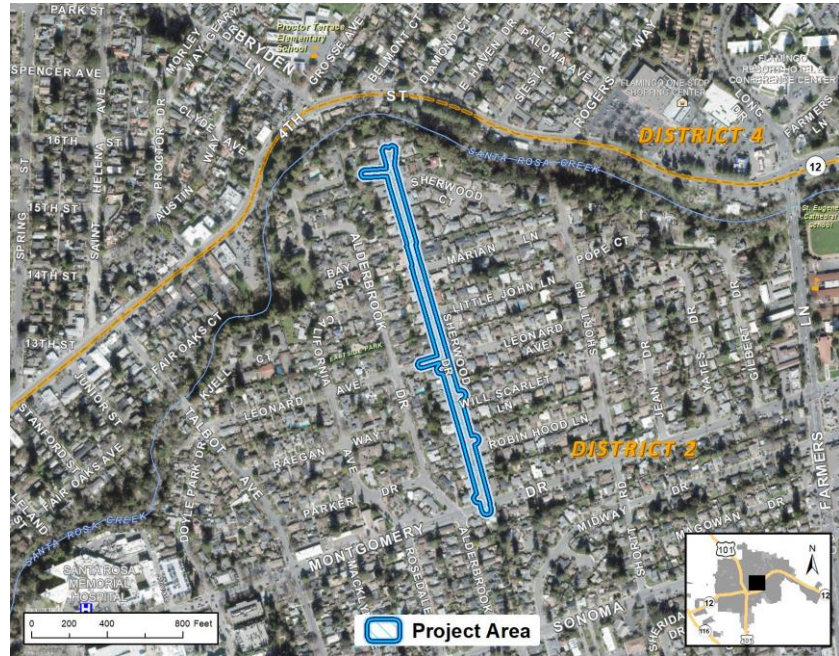
Project ID 188

New

Project Description:

This project will be the first phase in a series of projects to replace the aged sewer main in the Sherwood Forest Neighborhood area. Mains will be replaced from downstream to upstream throughout the neighborhood over the span of several years. Replacing older deteriorated VCP pipe reduces inflow and infiltration and reduces maintenance costs. Upsizing the water mains will improve fire flow and reduce maintenance costs. Pavement will be reconstructed

General Plan Goals: PSF-F: Ensure that an adequate supply of water is available to serve existing and future needs of the City; and PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City. .



Project Contact: Andy Allen
Cumulative Prior \$4,529
Total 5-Year \$4,185,000

Estimated Construction: 2022-23
Estimated Funding After 2025/26: \$0
Total Project Funding: \$4,189,529

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
55623							
Water Utility Fund	600,000 ★	1,600,000	0	0	0	2,200,000	0
70524							
Local Wastewater Utility Fund	640,000 ★	1,345,000	0	0	0	1,985,000	0
	\$1,240,000	\$2,945,000	\$0	\$0	\$0	\$4,185,000	\$0

■ For Council Approval

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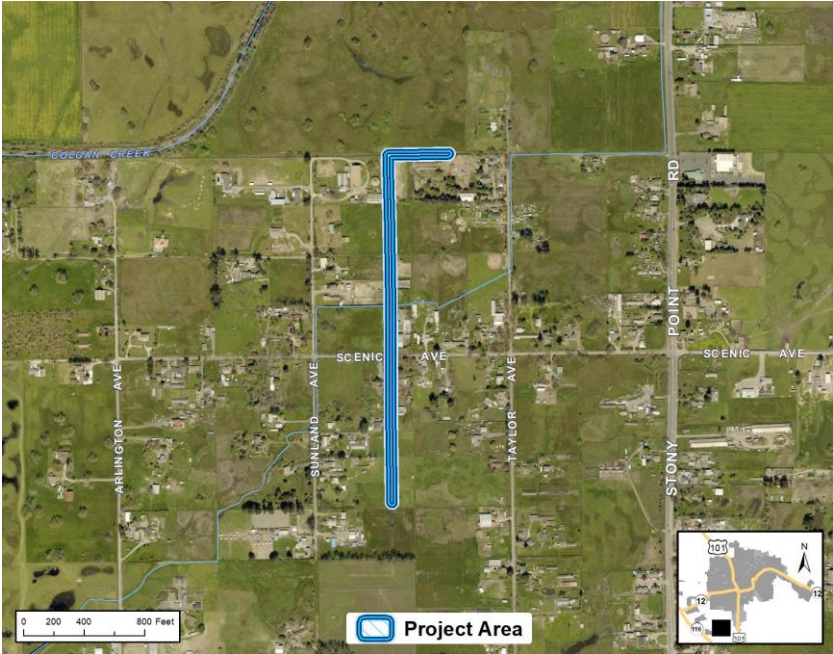
Robles Trunk Lining Phase 2

Project ID 2115

New

Project Description:
This sewer trunk rehabilitation will decrease maintenance costs, inflow and infiltration and increase longevity of the trunk. In addition, a corrosive environment has resulted in minimal cement holding surface aggregate in place.

General Plan Goal: PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City.



Project Contact: Andy Allen
Cumulative Prior \$0
Total 5-Year \$5,800,000

Estimated Construction: 2022-23
Estimated Funding After 2025/26: \$0
Total Project Funding: \$5,800,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
70790							
Local Wastewater Utility Fund	600,000 ★	5,200,000	0	0	0	5,800,000	0
	\$600,000	\$5,200,000	\$0	\$0	\$0	\$5,800,000	\$0

■ For Council Approval ★ BPU Recommended



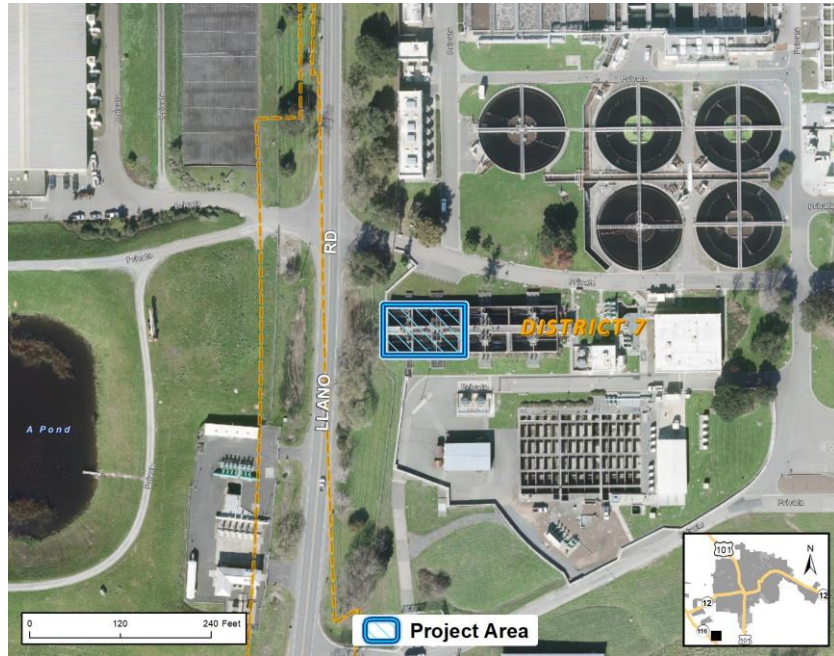
Replacement of Filter Valves and Actuators Phase II **Project ID 2096**

New

Project Description:

This project will address ongoing infrastructure replacement needs plant wide. This project will complete the procurement and installation of the remaining actuators and refurbish valves that control backwash for tertiary filtration.

General Plan Goal: PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City



Project Contact: Tanya Mokvyts
Cumulative Prior \$0
Total 5-Year \$1,430,000

Estimated Construction: 2022-23
Estimated Funding After 2025/26: \$0
Total Project Funding: \$1,430,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86580							
Subregional Wastewater Facility Operations	250,000 ★	1,180,000	0	0	0	1,430,000	0
	\$250,000	\$1,180,000	\$0	\$0	\$0	\$1,430,000	\$0

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Manhole Rehabilitation and Coating of Influent Suction Pipes

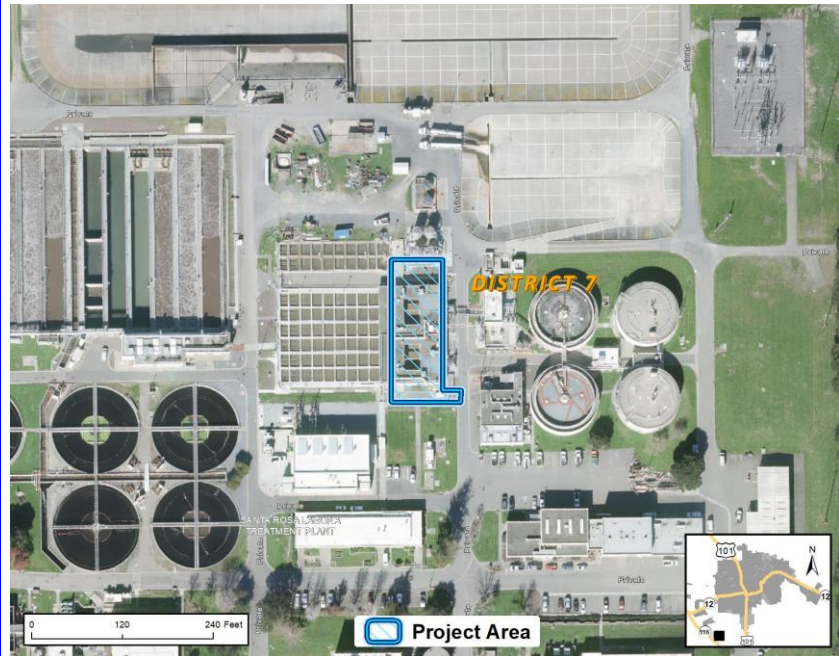
Project ID 2170

New

Project Description:

This project consists of rehabilitating an existing sanitary sewer manhole vault observed to be in deteriorated condition located just south of the flow equalization basins and is part of the collection system delivering flows to the North Headworks. The proposed rehabilitation method may consist of installing new, structural, reinforced shotcrete walls within the confines of the existing structure and using pneumatic plug to divert the flows. Additionally, the north influent suction pipes should be rehabilitated while flows are diverted to rehabilitate manhole 5. Upon completion of rehabbing manhole 5 and coating the north influent pipes, the south influent pipes would be coated.

General Plan Goal: PSF-G:
Ensure that adequate sewer capacity is available to serve existing and future needs of the City.



Project Contact:	Tanya	Estimated Construction:	2022-23
Cumulative Prior Funding:	\$0	Estimated Funding After 2025/26:	\$0
Total 5-Year Funding:	\$1,650,000	Total Project Funding:	\$1,650,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86594 Subregional Wastewater Facility Operations	150,000 ★	1,500,000	0	0	0	1,650,000	0
	\$150,000	\$1,500,000	\$0	\$0	\$0	\$1,650,000	\$0

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LTP Cathodic Protection Improvements

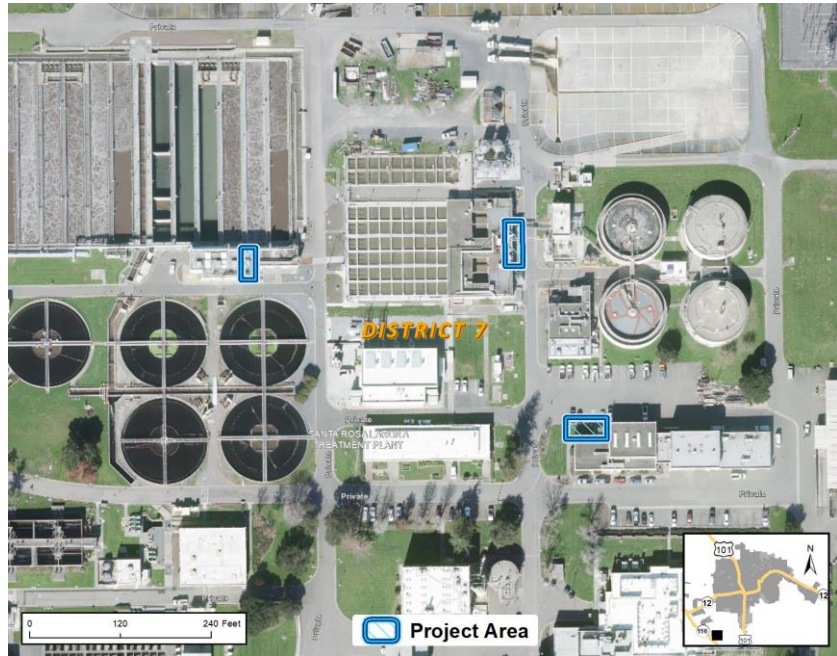
Project ID 2331

New

Project Description:

There are four cathodic protection (CP) systems installed at multiple locations at Laguna Treatment Plant that help maximize underground pipe network service life by preventing corrosion. Two of the four CP systems at the LTP are not operational. The third system, installed in 1974 with a rectifier replacement in 1996, was operational but found inadequate for corrosion protection. Per Carollo's Cathodic Protection Testing Results and Recommendations, dated November 29, 2012 the three CP systems need to be evaluated and based on findings either rehabilitated or replaced.

General Plan Goal: PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City.



Project Contact: Tanya Mokvyts
Cumulative Prior: \$0
Total 5-Year: \$450,000

Estimated Construction: 2022-23
Estimated Funding After 2025/26: \$0
Total Project Funding: \$450,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86629 Subregional Wastewater Facility Operations	200,000 ★	250,000	0	0	0	450,000	0
	\$200,000	\$250,000	\$0	\$0	\$0	\$450,000	\$0

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Recycled Water Storage Ponds and Discharge Outfalls Evaluation

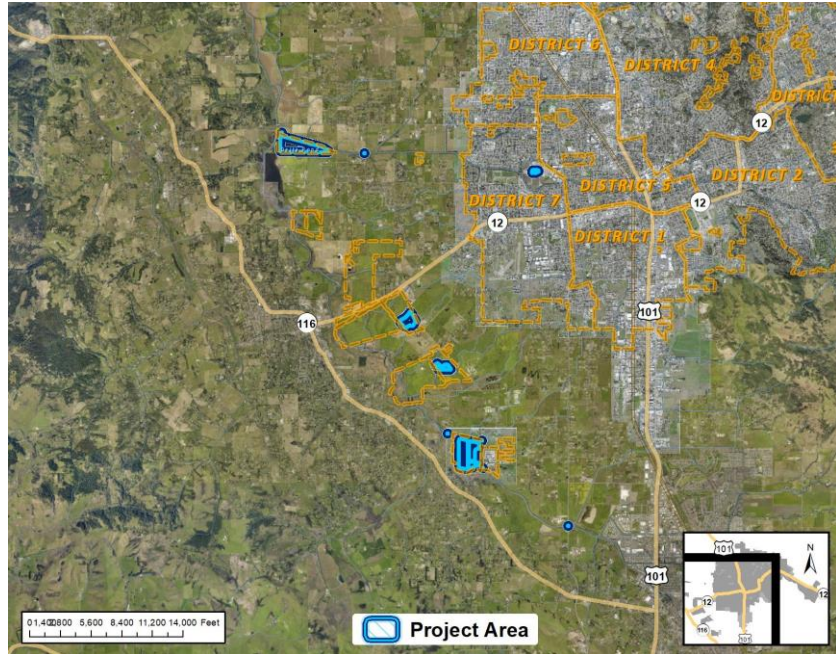
Project ID 2343

New

Project Description:

Conduct an engineering evaluation of all Subregional Recycle Water Storage Ponds and Discharge Outfalls to assess the condition of each pond, outfall, and appurtenances.

General Plan Goal: PSF-H: Meet the City's solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior: \$5,000
Total 5-Year: \$200,000

Estimated Construction: N/A
Estimated Funding After 2025/26: \$0
Total Project Funding: \$205,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86632 Subregional Wastewater Facility Operations	200,000 ★	0	0	0	0	200,000	0
	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0

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Aeration Basins and Header Improvements

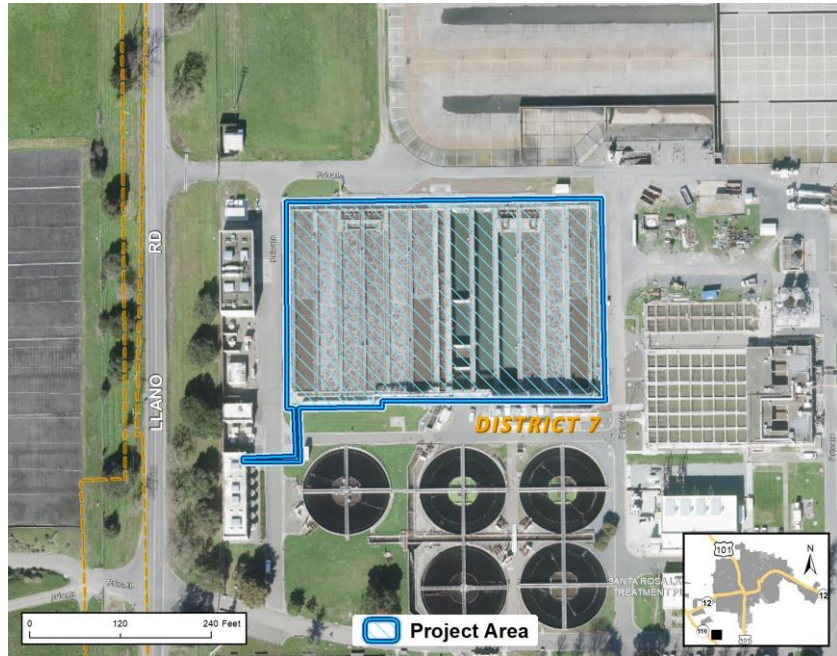
Project ID 2366

New

Project Description:

The low-pressure air (ALP) duct that conveys process air between the Blower Building and Aeration Basins is leaking. The existing pipe was installed in 1994 and is approximately 15 ft. deep. The pipe is in danger of collapsing due to poor structural integrity and high soil loads. Maintenance staff noted that corrosion damage and air leakage are also present at many of the above grade air valves. This project will replace underground low-pressure air duct. The project will also evaluate and replace all four aeration basins low pressure pipes, fittings, and valves of varying sizes.

General Plan Goals: PSF-G – Ensure that adequate sewer capacity is available to serve existing and future needs of the City; and PSF-H Meet the City’s solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior \$10,000
Total 5-Year \$1,950,000

Estimated Construction: 2022-23
Estimated Funding After 2025/26: \$0
Total Project Funding: \$1,960,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86640							
Subregional Wastewater Facility Operations	450,000 ★	1,500,000	0	0	0	1,950,000	0
	\$450,000	\$1,500,000	\$0	\$0	\$0	\$1,950,000	\$0

■ For Council Approval

★ BPU Recommended



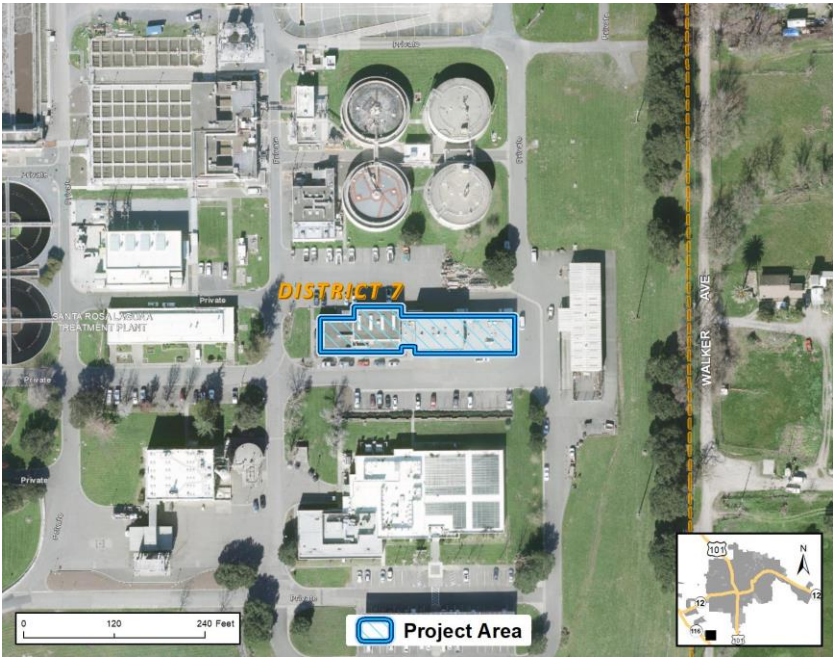
Maintenance Building Roof Improvements

Project ID 2367

New

Project Description:
Staff has identified leaks on the maintenance building roof over critical equipment. This project will provide temporary repair of the roof until the design of the complete roof replacement is complete under PID 1889 LTP Maintenance Building Office Expansion.

General Plan Goal: PSF-G:
Ensure that adequate sewer capacity is available to serve existing and future needs of the City.



Project Contact: Tracy Duenas
Cumulative Prior: \$10,000
Total 5-Year: \$350,000

Estimated Construction: 2021-22
Estimated Funding After 2025/26: \$0
Total Project Funding: \$360,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86641 Subregional Wastewater Facility Operations	350,000 ★	0	0	0	0	350,000	0
	\$350,000	\$0	\$0	\$0	\$0	\$350,000	\$0

■ For Council Approval ★ BPU Recommended



Digester 4 Repair

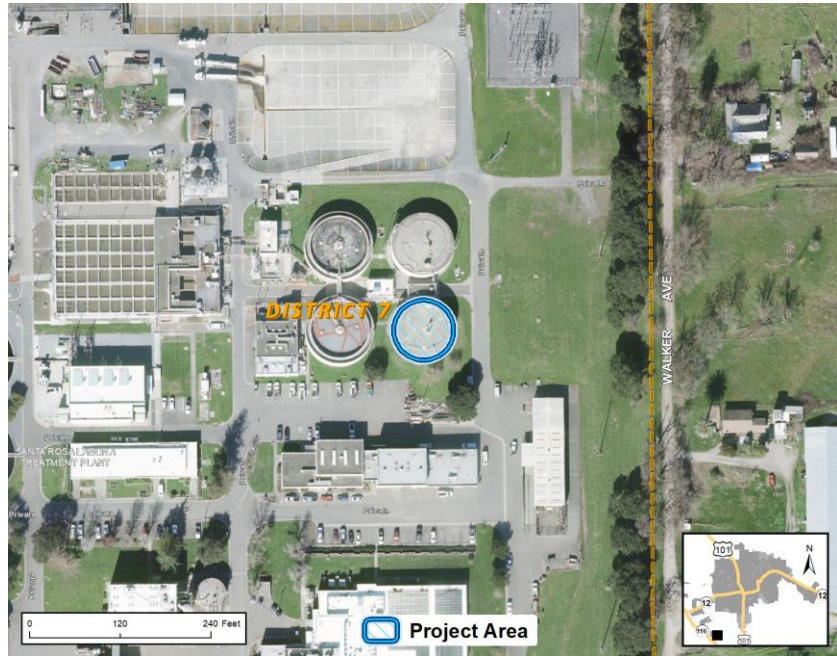
Project ID 2368

New

Project Description:

Digester Number 4 is exhibiting varying degrees of exterior facade failure which includes cracking and portions of the stucco panel falling from the face of the tank. The stucco material is approximately 3/4 in. thick and surrounds the circumferential exterior of the tank in paneled sections. Certain areas of the cracking have progressed to the stucco material falling. This project will remove the remainder of stucco to prevent future material falling onto nearby pedestrians and will provide coating and paint to the exposed digester surface.

General Plan Goals: PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City; and PSF-H: Meet the City's solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior \$0
Total 5-Year \$200,000

Estimated Construction: 2021-22
Estimated Funding After 2025/26: \$0
Total Project Funding: \$200,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86642							
Subregional Wastewater Facility Operations	200,000 ★	0	0	0	0	200,000	0
	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0

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Biosolids Land Application Properties Improvements

Project ID 2369

New

Project Description:

Some of the lands own by the City for biosolids land application require pumps to be repaired or replacements. Also, some of the levees around the properties are leaking and need improvements. The scope of the improvements will be determined on case by case basis.

General Plan Goal: PSF-H: Meet the City's solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior \$0
Total 5-Year \$2,300,000

Estimated Construction: 2023-24
Estimated Funding After 2025/26: \$0
Total Project Funding: \$2,300,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86643							
Subregional Wastewater Facility Operations	300,000 ★	0	1,000,000	1,000,000	0	2,300,000	0
	\$300,000	\$0	\$1,000,000	\$1,000,000	\$0	\$2,300,000	\$0

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SCR and Gas Conditioning Improvements

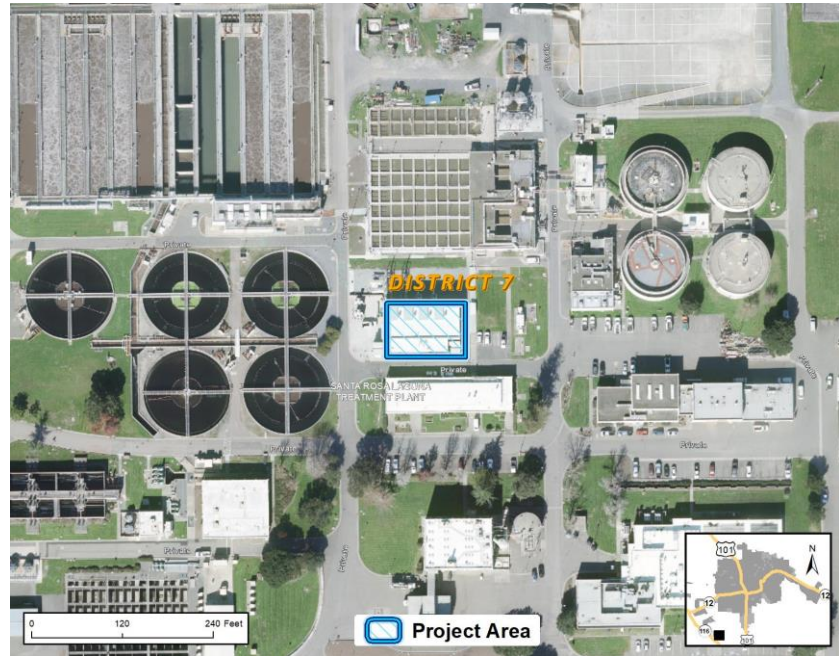
Project ID 2370

New

Project Description:

This project will re-evaluate and upsize the complete gas conditioning system. Will also upgrade the spenser turbines and gas delivery system to increase the amount of biogas that can be delivered to CHP and add SCR units to engines number 1 and 2. Upgrade the existing SCR units on engines 3 and 4.

General Plan Goals: PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City; and PSF-H: Meet the City's solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior \$0
Total 5-Year \$1,250,000

Estimated Construction: 2023-24
Estimated Funding After 2025/26: \$0
Total Project Funding: \$1,250,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86644							
Subregional Wastewater Facility Operations	250,000 ★	0	1,000,000	0	0	1,250,000	0
	\$250,000	\$0	\$1,000,000	\$0	\$0	\$1,250,000	\$0

 For Council Approval

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Bear Canyon Pump Coating

Project ID 2371

New

Project Description:

Every year during our 30 days Geysers pipeline maintenance shutdown, the Bear Canyon pump station is being drained, cleaned and inspected. During the inspection the signs of coating defects and corrosion were noticed on the vertical turbine pumps. This project will recoat the existing paint system and protect the submerged pumps.

PSF-H: Meet the City's solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior \$0
Total 5-Year \$300,000

Estimated Construction: 2021-22
Estimated Funding After 2025/26: \$0
Total Project Funding: \$300,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86645 Subregional Wastewater Facility Operations	300,000 ★	0	0	0	0	300,000	0
	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0

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Pond D Incline Pump Replacement

Project ID 2372

New

Project Description:

The existing D-incline pump used for transferring water from Pond D into Pond B and to discharge into the Laguna de Santa Rosa failed and needs to be replaced. This project replaces the existing D-incline pump with a new vertical turbine pump, minimum pumping capacity of 10 MGD and install telemetry for SCADA operations.

General Plan Goal: PSF-G: Ensure that adequate sewer capacity is available to serve existing and future needs of the City.



Project Contact: Tanya Mokvyts
Cumulative Prior: \$0
Total 5-Year: \$250,000

Estimated Construction: 2020-21
Estimated Funding After 2025/26: \$0
Total Project Funding: \$250,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86647 Subregional Wastewater Facility Operations	250,000 ★	0	0	0	0	250,000	0
	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0

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Rohnert Park Filter System Improvements

Project ID 2373

New

Project Description:

Recycled water pumped from the existing storage ponds to Rohnert Park for irrigation is being treated by Automatic Self-Cleaning Water Filters, made by Teklen Automatic Inc. The filter system removes additional particulates prior to delivery water to Rohnert Park urban users to minimize any clogging of irrigation systems. The existing system is over 20 years old; the parts are obsolete and need to be replaced.

General Plan Goal: PSF-H: Meet the City's solid waste disposal needs, while maximizing opportunities for waste reduction and recycling.



Project Contact: Tanya Mokvyts
Cumulative Prior \$0
Total 5-Year \$200,000

Estimated Construction: 2021-22
Estimated Funding After 2025/26: \$0
Total Project Funding: \$200,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
86646 Subregional Wastewater Facility Operations	200,000 ★	0	0	0	0	200,000	0
	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0

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3rd St at SMART Multi-Use Pathway Crossing- Traffic Signal

Project ID 2321

New

Project Description:

This project will design and install a signalized crosswalk at the SMART multi-use path intersecting with W. 3rd Street. Signal equipment will need to be installed on separate mast arms and not on the SMART railroad equipment. A luminaire will be installed over the crosswalk as well. A formal diagnostic review with SMART and the California Public Utilities Commission will be required and both agencies will need to review the plans. The signal will need to tie into the SMART rail house in order to coordinate the signal with the railroad preemption. The signal will also need to connect to the City signal system via Dutton Ave. and Wilson St.

General Plan Goals: T-J: Provide attractive and safe streets for pedestrians and bicyclists; and T-K: Develop a safe, convenient, and continuous network of pedestrian sidewalks and pathways; and T-L: Develop a citywide system of designated bikeways that serves both experienced and casual bicyclists, and which maximizes bicycle use.



Project Contact: Nancy Adams
Cumulative Prior Funding: \$0
Total 5-Year Funding: \$125,000

Estimated Construction: 2021-22
Estimated Funding After 2025/26: \$0
Total Project Funding: \$125,000

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
17647 Capital Facilities Fee Fund	125,000	0	0	0	0	125,000	0
	\$125,000	\$0	\$0	\$0	\$0	\$125,000	\$0

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**Corby Ave Between Baker Ave and Cottonwood Dr
Pedestrian Gap Closures**

Project ID 2322

New

Project Description:

This project will design and install approximately 1400 feet of sidewalk/walkways to fill gaps along Corby Avenue between Baker Avenue and Cottonwood Drive. The project will require a culvert or design feature to cross Colgan Creek. There may be right of way required to construct the pathway/sidewalk.

General Plan Goals: T-J: Provide attractive and safe streets for pedestrians and bicyclists; and T-K: Develop a safe, convenient, and continuous network of pedestrian sidewalks and pathways; and T-L: Develop a citywide system of designated bikeways that serves both experienced and casual bicyclists, and which maximizes bicycle use.



Project Contact: Nancy Adams
Cumulative Prior \$0
Total 5-Year \$105,161

Estimated Construction: 2021-22
Estimated Funding After 2025/26: \$0
Total Project Funding: \$105,161

Funding Source	Funding Request FY 21/22	Anticipated Request FY 22/23	Anticipated Request FY 23/24	Anticipated Request FY 24/25	Anticipated Request FY 25/26	Total 5-Year Funding	Future Funding
17648 Southwest Area Development Impact Fees Fund	105,161	0	0	0	0	105,161	0
	\$105,161	\$0	\$0	\$0	\$0	\$105,161	\$0

■ For Council Approval

★ BPU Recommended