



WATER & SANITATION DEPARTMENT

Five-Year Capital Improvement Program

**VENTURA COUNTY WATER & SANITATION
CAPITAL PROJECTS FINANCING
FIVE-YEAR PLAN
2024-2028**

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
VCWWD No. 1 WATER							
	OPERATING REVENUE	<u>\$1,220,000</u>	<u>\$4,561,250</u>	<u>\$1,772,500</u>	<u>\$856,250</u>	<u>\$1,168,750</u>	<u>\$9,578,750</u>
	LOAN	<u>\$3,660,000</u>	<u>\$13,683,750</u>	<u>\$5,317,500</u>	<u>\$2,568,750</u>	<u>\$3,506,250</u>	<u>\$28,736,250</u>
	ANNUAL TOTAL*:	<u>\$4,880,000</u>	<u>\$18,245,000</u>	<u>\$7,090,000</u>	<u>\$3,425,000</u>	<u>\$4,675,000</u>	<u>\$38,315,000</u>
	FIVE YEAR TOTAL:	<u>\$38,315,000</u>					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Water Sales-Variable Revenue, Meter & Fireline Charges - Fixed Revenue, Other O&M Revenues and Investment Income.

LOAN - State Revolving Fund Loan (SRF), County of Ventura Revolving Credit Account Loan, Federal Loans, or other financing.

Notes:

*Operating revenue requirements and annual debt service payments for project financing are factored into Board approved water rates.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
VCWWD No. 1 SEWER							
	OPERATING REVENUE	<u>\$4,972,090</u>	<u>\$1,031,000</u>	<u>\$5,323,000</u>	<u>\$750,000</u>		<u>\$12,076,090</u>
	SECURED GRANT	<u>\$3,400,000</u>	<u>\$3,400,000</u>				<u>\$6,800,000</u>
	ANNUAL TOTAL*:	<u>\$8,372,090</u>	<u>\$4,431,000</u>	<u>\$5,323,000</u>	<u>\$750,000</u>	<u>\$0</u>	<u>\$18,876,090</u>
	FIVE YEAR TOTAL:	<u>\$18,876,090</u>					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Sanitation Services Revenue, Reclamation Water Sales, and Other Miscellaneous Revenue

SECURED GRANT - Prop 84 State grant

Notes:

*Operating revenue requirements and Prop 84 State grant are factored into Board approved sewer service rates.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
VCWWD No. 17 WATER							
	OPERATING REVENUE		<u>\$500,000</u>				
	LOAN	<u>\$730,000</u>	<u>\$5,900,000</u>	<u>\$5,700,000</u>	<u>\$350,000</u>	<u>\$0</u>	<u>\$12,680,000</u>
	ANNUAL TOTAL*:	<u>\$730,000</u>	<u>\$6,400,000</u>	<u>\$5,700,000</u>	<u>\$350,000</u>	<u>\$0</u>	<u>\$12,680,000</u>
	FIVE YEAR TOTAL:	<u>\$13,180,000</u>					

FUNDING SOURCE TYPE:

LOAN - Interest-free State Revolving Fund Loan (SRF) with 30% principal forgiveness from Federal ASADRA funding. Loan application approval pending completion of CEQA.

Notes:

*Contingent upon final approval of loan by State DWR. Operating revenue requirements and annual debt service payments for project financing are factored into Board approved water rates.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
VCWWD No. 19							
WATER	OPERATING REVENUE	<u>\$342,500</u>	<u>\$1,041,250</u>	<u>\$1,181,250</u>	<u>\$893,750</u>	<u>\$1,001,250</u>	<u>\$4,460,000</u>
	LOAN	<u>\$1,027,500</u>	<u>\$3,123,750</u>	<u>\$3,543,750</u>	<u>\$2,681,250</u>	<u>\$3,003,750</u>	<u>\$13,380,000</u>
	ANNUAL TOTAL*:	<u>\$1,370,000</u>	<u>\$4,165,000</u>	<u>\$4,725,000</u>	<u>\$3,575,000</u>	<u>\$4,005,000</u>	<u>\$17,840,000</u>
	FIVE YEAR TOTAL:	<u>\$17,840,000</u>					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Water Sales-Variable Revenue, Meter & Fireline Charges - Fixed Revenue, Other O&M Revenues and Investment

LOAN - State Revolving Fund Loan (SRF), County of Ventura Revolving Credit Account Loan, Federal Loans, or other financing.

Notes:

* This estimate is contingent on loan approval. Operating revenue requirements and annual debt service payments are factored into Board approved water rates.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
VCWWD No. 38							
WATER	OPERATING REVENUE	<u>\$100,000</u>	<u>\$200,000</u>	<u>\$200,000</u>	<u>\$100,000</u>	<u>\$100,000</u>	<u>\$700,000</u>
	ANNUAL TOTAL:	<u>\$100,000</u>	<u>\$200,000</u>	<u>\$200,000</u>	<u>\$100,000</u>	<u>\$100,000</u>	<u>\$700,000</u>
	FIVE YEAR TOTAL:	<u>\$700,000</u>					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Water Sales-Variable Revenue, Meter & Fireline Charges - Fixed Revenue, Other O&M Revenues and Investment Income. Operating revenue requirements are factored into Board approved water rates.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
VCWWD No. 16							
SEWER	OPERATING REVENUE		<u>\$420,000</u>			<u>\$1,120,000</u>	<u>\$1,540,000</u>
	SECURED GRANT	<u>\$100,000</u>					<u>\$100,000</u>
	ANNUAL TOTAL:	<u>\$100,000</u>	<u>\$420,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,120,000</u>	<u>\$1,640,000</u>
	FIVE YEAR TOTAL:	<u>\$1,640,000</u>					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Sanitation Services and Other Miscellaneous Revenue. Revenue requirements factored into Board approved sewer service charges.

SECURED GRANT - Prop 84 State grant and Federal ARPA grant.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
CSA No. 29 SEWER	LOAN	\$800,000	\$1,000,000	\$830,000	\$350,000	\$350,000	\$3,330,000
	ANNUAL TOTAL*:	\$800,000	\$1,000,000	\$830,000	\$350,000	\$350,000	\$3,330,000
	FIVE YEAR TOTAL:	\$3,330,000					

FUNDING SOURCE TYPE:

LOAN - State Revolving Fund Loan (SRF), County of Ventura Revolving Credit Account Loan, Federal Loans, or other financing.

Notes:

* This estimate is contingent on loan approval. Annual debt service payments are factored into Board approved sewer service charges.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
CSA No. 30 SEWER	OPERATING REVENUE	\$510,000					\$510,000
	ANNUAL TOTAL:	\$510,000	\$0	\$0	\$0	\$0	\$510,000
	FIVE YEAR TOTAL:	\$510,000					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Sanitation Services and Other Miscellaneous Revenue. Revenue requirements are factored into Board approved sewer service charges.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
CSA No. 34 SEWER	OPERATING REVENUE	\$550,000	\$135,000	\$135,000	\$0	\$0	\$820,000
	ANNUAL TOTAL:	\$550,000	\$135,000	\$135,000	\$0	\$0	\$820,000
	FIVE YEAR TOTAL:	\$820,000					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Sanitation Services and Other Miscellaneous Revenue. Revenue requirements are factored into Board approved sewer service charges.

DISTRICT	SOURCES OF FUNDING:	23/24	24/25	25/26	26/27	27/28	TOTAL
CUE - SEWER	OPERATING REVENUE	\$0	\$0	\$70,000	\$280,000	\$280,000	\$630,000
	ANNUAL TOTAL:	\$0	\$0	\$70,000	\$280,000	\$280,000	\$630,000
	FIVE YEAR TOTAL:	\$630,000					

FUNDING SOURCE TYPE:

OPERATING REVENUE - Sanitation Services and Other Miscellaneous Revenue. Revenue requirements are factored into Board approved sewer service charges.

	VENTURA COUNTY WATER & SANITATION DEPARTMENT	
	VENTURA COUNTY WATERWORKS DISTRICT NO. 1 - WATER	
	PLANNED CAPITAL PROJECTS	
	FIVE-YEAR PLAN	
<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
	<u>2023-24</u>	
New Infrastructure	Moorpark Desalter Design and Environmental Study	\$ 200,000
New Infrastructure	Moorpark Desalter Stormwater Recharge Project	\$ 150,000
New Infrastructure	New 1.0 MG Stockton Reservoir No. 2	\$ 1,800,000
Infrastructure Upgrade	General Water System Improvements	\$ 100,000
Infrastructure Upgrade	SCADA Improvements	\$ 50,000
Infrastructure Upgrade	Reservoirs Repairs, Relining & Recoating Peach Hill & Tierra Rejada	\$ 600,000
New Infrastructure	Grimes Reservoir and 757 Zone Interconnections	\$ 250,000
New Infrastructure	Re-drill Well No. 97	\$ 1,495,000
Infrastructure Upgrade	SCE connection to Gabbert, S&K, Mt. Meadows and Peach Hill Reservoirs	\$ 75,000
	TOTAL	\$ 4,720,000

	VENTURA COUNTY WATER & SANITATION DEPARTMENT	
	VENTURA COUNTY WATERWORKS DISTRICT NO. 1 - WATER	
	PLANNED CAPITAL PROJECTS	
	FIVE-YEAR PLAN	
<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
	<u>2024-28</u>	
New Infrastructure	Moorpark Desalter Design and Environmental Study	\$ 800,000
New Infrastructure	Moorpark Desalter Stormwater Recharge Project	\$ 700,000
New Infrastructure	New 1.0 MG Stockton Reservoir No. 2	\$ 2,700,000
Pipeline Upgrades or Replacements	Replacement of Water Lines on Roberts Avenue, Esther Avenue and	\$ 2,550,000
New Infrastructure	Grimes Reservoir and 757 Zone Interconnections	\$ 3,200,000
New Infrastructure	1.5 MG Reservoir No. 2 at Moorpark Yard	\$ 2,600,000
New Infrastructure	Re-drill Well No. 97	\$ 5,000,000
Infrastructure Upgrade	Well No. 95 & 98 Treatment Facility	\$ 10,490,000
New Infrastructure	Emergency Booster Pump Station within 920 Zone	\$ 1,350,000
New Infrastructure	10-inch Water Line north of intersection of LA Avenue & Hitch Bouelv	\$ 1,000,000
Infrastructure Upgrade	General Water System Improvements	\$ 400,000
Infrastructure Upgrade	SCADA Improvements	\$ 200,000
Infrastructure Upgrade	Reservoirs Repairs, Relining & Recoating Peach Hill & Tierra Rejada	\$ 1,400,000
Infrastructure Upgrade	Reservoirs Repairs, Relining & Recoating	\$ 1,000,000
Infrastructure Upgrade	SCE connection to Gabbert, S&K, Mt. Meadows and Peach Hill Reservoirs	\$ 45,000
	TOTAL	\$ 38,155,000

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Moorpark Desalter Design and Environmental Study

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Project consists of water model studies and storm water diversion mitigation project and preliminary design of the desalter and finalize the location of the desalter, distribution system modifications, and the scope of any mitigation projects.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		200,000	800,000			
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ 200,000	\$ 800,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 1,000,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. _____ EIR/EIS X Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Moorpark Desalter Stormwater Recharge Project

Project No.: N/A

Supr. District: 2

VCWWD #1 - Water

Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construction stormwater intake structures, and recovery ponds to harvest storm runoff from Arroyo Simi/Arroyo Las Posas.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	150,000	100,000				
Right-of-Way		50,000				
Con. Eng/Insp						
Construction			350,000	350,000		
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -		\$ -
Fiscal Year Total	\$ 150,000	\$ 150,000	\$ 350,000	\$ 350,000		\$ -
Total Estimated Cost:	\$ 1,000,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: New 1.0 MG Stockton Reservoir No. 2

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construct a new 1.0 MG reservoir to replace the existing, undersized Stockton Reservoir, and to improve storage capacity within the 994 Zone.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	275,000	200,000				
Right-of-Way		250,000				
Con. Eng/Insp		250,000	300,000			
Construction		1,100,000	2,400,000			
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 275,000	\$ 1,800,000	\$ 2,700,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 4,775,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Replacement of Water Lines on Roberts Avenue, Esther Avenue and Sherman Avenue (Walnut Acres Tract)

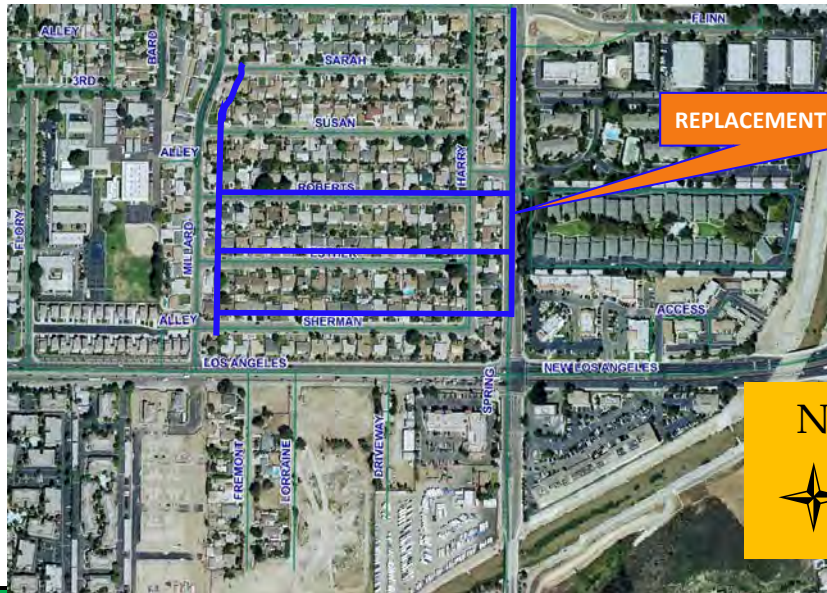
Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Installation of approximately 5,600 LF of 8-inch water line to replace the substandard and aging 4-inch lines with 8-inch lines per master plan update,

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				200,000		
Right-of-Way						
Con. Eng/Insp					50,000	200,000
Construction					500,000	1,600,000
Miscellaneous						
Projected Annual O&M C			\$ -	\$ -	\$ -	\$ -
Fiscal Year Total		\$ -	\$ -	\$ 200,000	\$ 550,000	\$ 1,800,000

Total Estimated Cost: \$ 2,550,000

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. X Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Grimes Reservoir and 757 Zone Interconnections

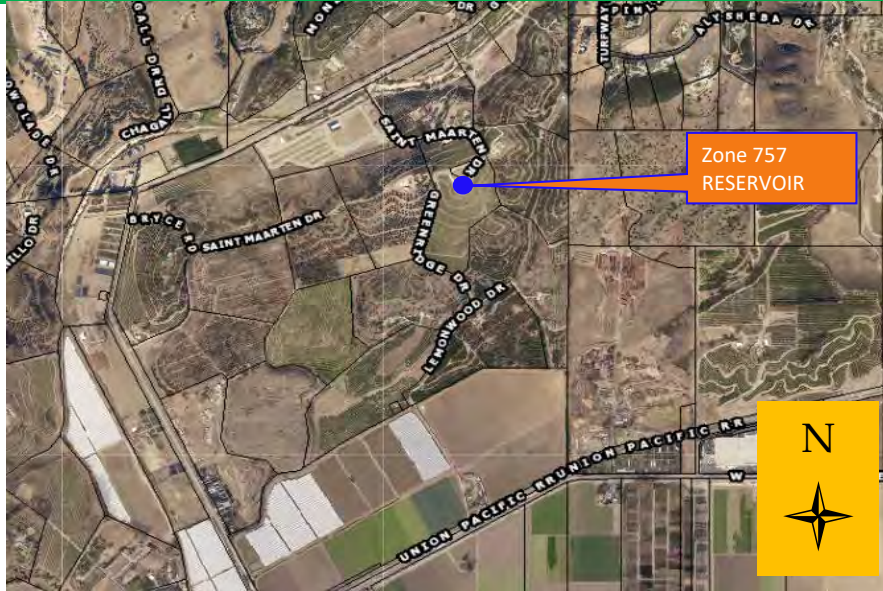
Project No.: N/A

Supr. District: 2

VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construct a storage reservoir and zone interconnections to meet water storage requirements and improve operational flexibility in the 757 Zone.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		250,000				
Right-of-Way						
Con. Eng/Insp			200,000			
Construction			3,000,000			
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -			
Fiscal Year Total	\$ -	\$ 250,000	\$ 3,200,000	\$ -		
Total Estimated Cost:		\$ 3,450,000				

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed 5/9/06 Date Filed 5/16/06**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: 1.5 MG Reservoir No. 2 at Moorpark Yard

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**1.5 MG Moorpark
Yard Reservoir****SCOPE OF WORK AND OBJECTIVE**

Construction of a 1.5 MG storage reservoir to meet water storage requirements and improve operational flexibility in the 944 Zone per the Water Master Plan.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design					100,000	100,000
Right-of-Way						
Con. Eng/Insp					200,000	200,000
Construction					1,000,000	1,000,000
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	
Fiscal Year Total	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 1,300,000
Total Estimated Cost:		\$ 2,600,000				

ENVIRONMENTAL REQUIREMENTSCat. Ex. Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Re-drill Well No. 97

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Re-drill and rehabilitate surface facility with filtration of Well No. 97

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	300,000		250,000			
Right-of-Way	50,000					
Con. Eng/Insp	150,000	195,000	250,000	500,000		
Construction	1,000,000	1,300,000	2,500,000	1,500,000		
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 1,500,000	\$ 1,495,000	\$ 3,000,000	\$ 2,000,000	\$ -	\$ -
Total Estimated Cost:	\$ 7,995,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Well No. 95 & 98 Water Treatment Facility

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construction of water treatment facility to comply with Department of Health Services water quality requirements for Iron and Manganese.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		160,000	400,000			
Right-of-Way			50,000	40,000		
Con. Eng/Insp			900,000	100,000		
Construction			5,000,000	4,000,000		
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ 160,000	\$ 6,350,000	\$ 4,140,000	\$ -	\$ -

Total Estimated Cost: \$ 10,650,000

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Emergency Booster Pump Station within 920 Zone

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construction of an Emergency Booster Station and Piping within the 920 Pressure Zone.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design					50,000	50,000
Right-of-Way					25,000	25,000
Con. Eng/Insp					100,000	100,000
Construction					500,000	500,000
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	
Fiscal Year Total	\$ -			\$ -	\$ 675,000	\$ 675,000
Total Estimated Cost:	\$ 1,350,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: 10-inch Water Line North of Intersection of
Los Angeles Ave. & Hitch Blvd. at 757 Zone

Project No.: N/A

Supr. District: 4

VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAP

Install approximately 5,000 lf of 10-inch water line and appurtenant work to improve operational flexibility in the system per Master Plan.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design					35,000	35,000
Right-of-Way					45,000	45,000
Con. Eng/Insp					70,000	70,000
Construction					350,000	350,000
Miscellaneous						
Projected Annual O&M C	\$ -	\$ -	\$ -	\$ -	\$ -	
Fiscal Year Total	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
Total Estimated Cost:		\$ 1,000,000				

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

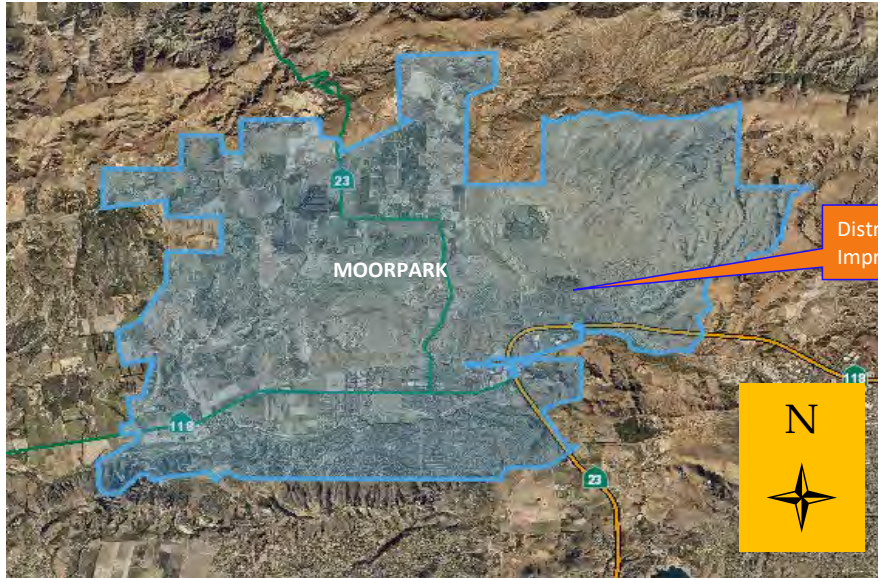
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: General Water System Improvements

Project No.: N/A

Supr. District: 4 VCWWD #1 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

General water system improvements on various locations all over District 1. Pipe and appurtenances replacements. Improve the water distribution system efficiency and facilities onsite improvements and upgrades.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	10,000	10,000	10,000	10,000	10,000	10,000
Right-of-Way	10,000	10,000	10,000	10,000	10,000	10,000
Con. Eng/Insp	16,000	16,000	16,000	16,000	16,000	16,000
Construction	64,000	64,000	64,000	64,000	64,000	64,000
Miscellaneous						
Projected Annual O&M C	\$ -					
Fiscal Year Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Total Estimated Cost:	\$ 600,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed **REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY
WATER & SANITATION DEPARTMENT

Project Name: SCADA Improvements

Project No.: N/A

Supr. District: 4 VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAP



Supervisory control and data acquisition integration to the instrumentation and control of District 1 water system and facilities. Electrical facilities wiring and hardware upgrades and replacements. PLC ladder I/Os, DOs logic control programming, troubleshooting, and automation.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		5,000	5,000	5,000	5,000	5,000
Right-of-Way						
Con. Eng/Insp		5,000	5,000	5,000	5,000	5,000
Construction		40,000	40,000	40,000	40,000	40,000
Miscellaneous						
Projected Annual O&M C	\$ -					
Fiscal Year Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Estimated Cost:		\$ 250,000				

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. X Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

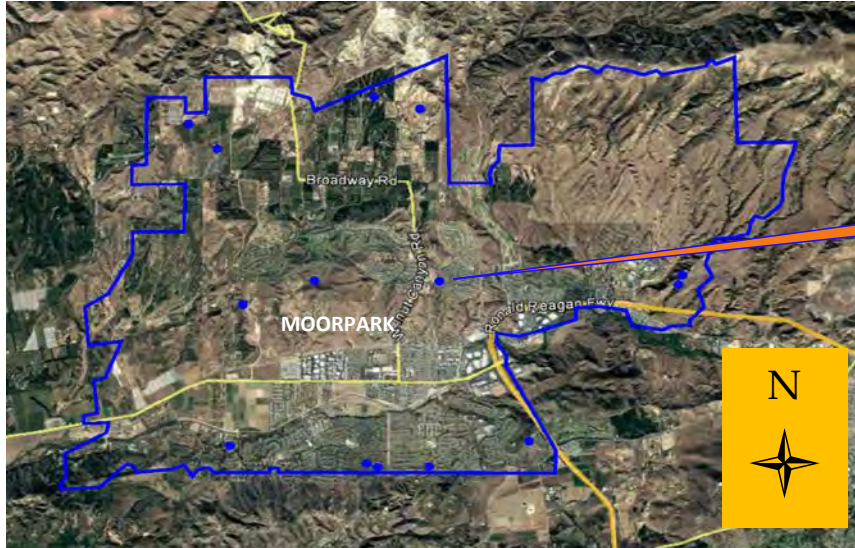
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Reservoirs Repairs, Relining & Recoating

Project No.: N/A

Supr. District: 4 VCWWD #1 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP

District 1 Reservoirs

SCOPE OF WORK AND OBJECTIVE

Reservoir repairs shall include removal and disposal of all waste generated, spot repairs of all paint defect areas, nuts bolts, flanges, fasteners and gaskets replacements. Interior and exterior lining system. Corrosion problems correction per SSPC, AWWA and The Society of Protective Coating requirements.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	50,000		50,000	50,000	50,000	50,000
Right-of-Way						
Con. Eng/Insp	100,000		100,000	100,000	100,000	100,000
Construction	372,000		100,000	100,000	100,000	100,000
Miscellaneous						
Projected Annual O&M C	\$ -					
Fiscal Year Total	\$ 522,000	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Total Estimated Cost:	\$ 1,522,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

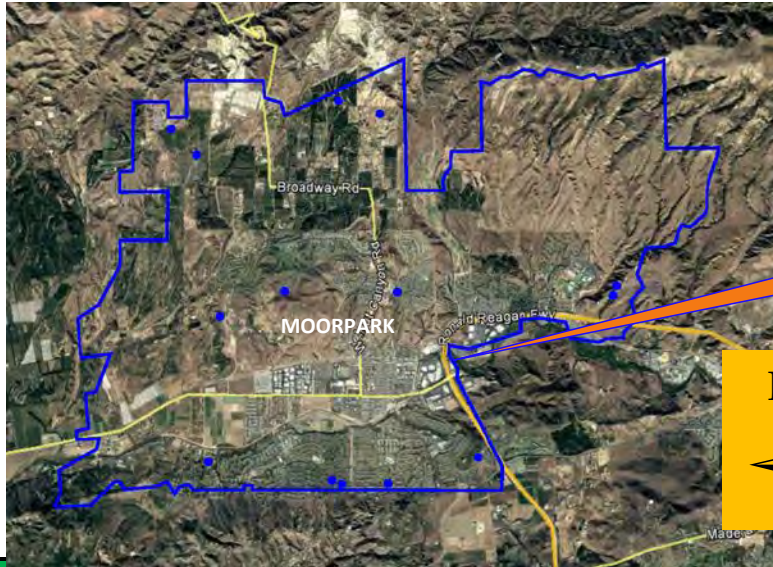
Project Name: Reservoirs Repairs, Relining & Recoating Peach Hill & Tierra Rejada

Project No.: N/A

Supr. District: 4 VCWWD #1 - Water

Unincorporated Area: X

City of: N/A

LOCATION MAPDistrict 1 Tierra Rejada
& Peach Hill Reservoirs

N

**SCOPE OF WORK AND OBJECTIVE**

Reservoir repairs shall include removal and disposal of all waste generated, spot repairs of all paint defect areas, nuts bolts, flanges, fasteners and gaskets replacements. Interior and exterior lining system. Corrosion problems correction per SSPC, AWWA and The Society of Protective Coating requirements.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		100,000				
Right-of-Way						
Con. Eng/Insp		150,000	400,000			
Construction		350,000	1,000,000			
Miscellaneous						
Projected Annual O&M C	\$ -					
Fiscal Year Total	\$ -	\$ 600,000	\$ 1,400,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 2,000,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

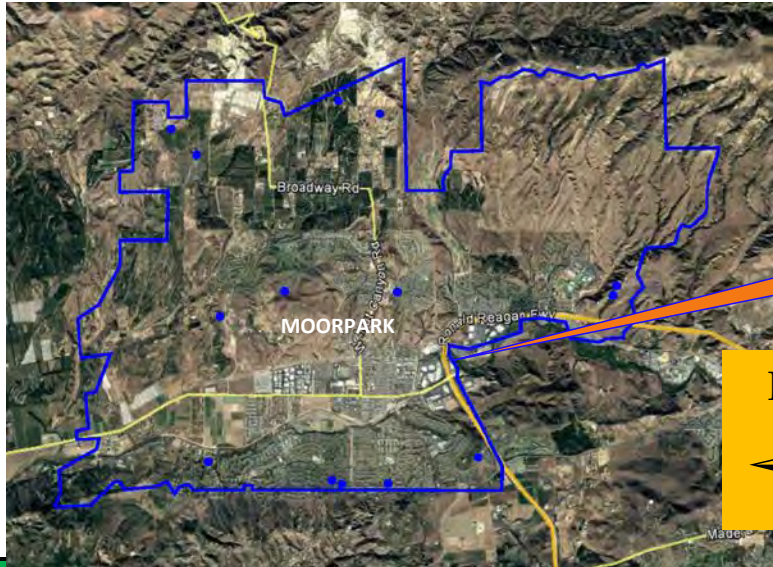
Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: SCE Connection to Gabbert, S&K, Mt. Meadows, and Peach Hill Reservoirs Project No.: N/A

Supr. District: 4 VCWWD #1 - Water Unincorporated Area: X City of: N/A

LOCATION MAP

District 1 Tierra Rejada
& Peach Hill Reservoirs

N

SCOPE OF WORK AND OBJECTIVE

Construct SCE Connection to Gabbert, S&K, Mt. Meadows, and Peach Hill Reservoirs

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design						
Right-of-Way						
Con. Eng/Insp						
Construction		75,000	45,000			
Miscellaneous						
Projected Annual O&M C	\$ -					
Fiscal Year Total	\$ -	\$ 75,000	\$ 45,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 120,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. X Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

**VENTURA COUNTY WATER & SANITATION DEPARTMENT
VENTURA COUNTY WATERWORKS DISTRICT NO. 1 - SEWER**

**PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN**

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
Infrastructure Upgrade	MWRF Control System Upgrade	\$ 300,000
New Infrastructure	Water Supply Reliability Program	\$ 6,550,000
New Infrastructure	MWRF Steel Structure Storage Building	\$ 1,162,090
Infrastructure Improvements	MWRF Generator Replacement	\$ 300,000
Infrastructure Improvements	MWRF Left Turn Lane along Los Angeles Avenue	\$ 60,000
TOTAL		\$ <u>8,372,090</u>
<u>2024-28</u>		
Infrastructure Upgrade	MWRF Control System Upgrade	\$ 300,000
New Infrastructure	Water Supply Reliability Program	\$ 481,000
Infrastructure Improvements	MWRF Generator Replacement	\$ 700,000
New Infrastructure	MWRF Left Turn Lane along Los Angeles Avenue	\$ 3,288,000
New Infrastructure	MWTP Biosolids Drying and Disposal Facility	\$ 1,750,000
Infrastructure Upgrade	Sewer Replacement and Relining	\$ 3,000,000
Infrastructure Upgrade	Pump Station #1 Upgrade	\$ 150,000
Infrastructure Upgrade	Arroyo Lift Station Improvements	\$ 350,000
Infrastructure Upgrade	Pump Station #3 Rehabilitation	\$ 250,000
Infrastructure Upgrade	Sludge Rehabilitation	\$ 235,000
TOTAL		\$ <u>18,876,090</u>

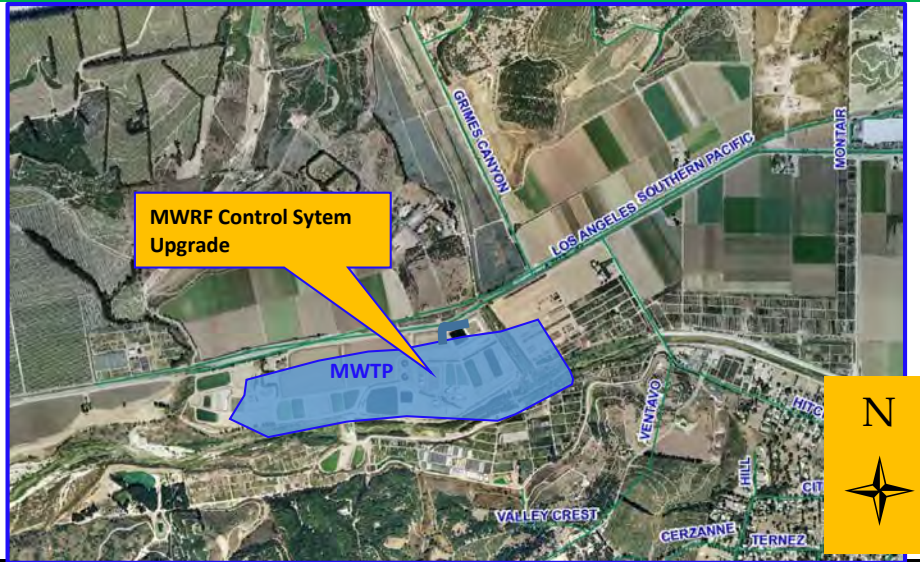
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: MWRF Control System Upgrades

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Upgrade existing control system to enhance efficiency and productivity.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		50,000	50,000			
Right-of-Way						
Con. Eng/Insp		50,000	50,000			
Construction		200,000	200,000			
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -				
Fiscal Year Total	\$ -	\$ 300,000	\$ 300,000	\$ -		\$ -
Total Estimated Cost:	\$ 600,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Water Supply Reliability Program

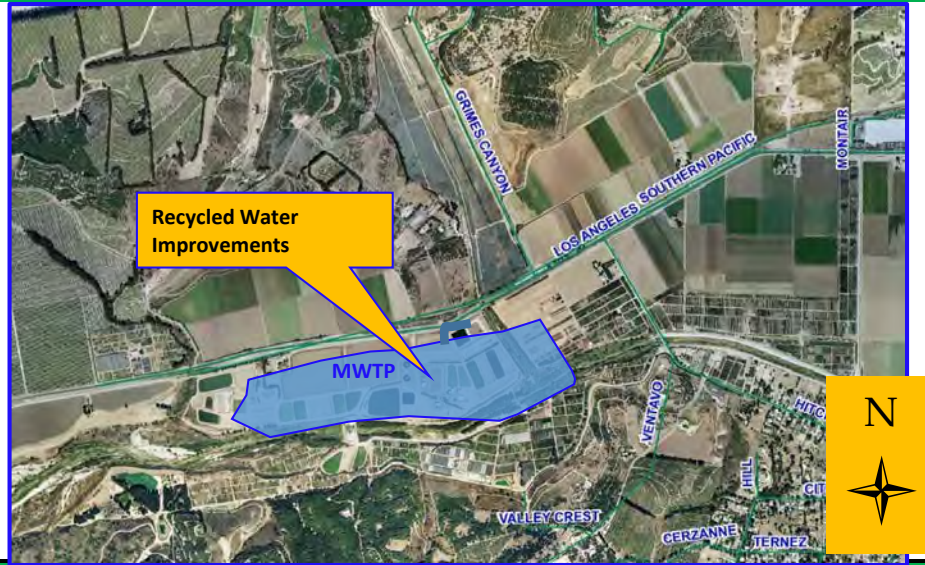
Project No.: N/A

Supr. District: 2 & 4

VCWWD No. 1 - Sewer

Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

This project will consist of Water supply/ Water quality improvements, Distribution System Expansion to New Developments, and Storage Improvement.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	300,000	850,000	50,000			
Right-of-Way						
Con. Eng/Insp	40,000	700,000	80,000			
Construction	672,000	5,000,000	351,000			
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -				
Fiscal Year Total	\$ 1,012,000	\$ 6,550,000	\$ 481,000	\$ -		\$ -
Total Estimated Cost:	\$ 8,043,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues and Prop 84 State grant.

Prepared by: Jeewoong Kim

Date: 1/2023

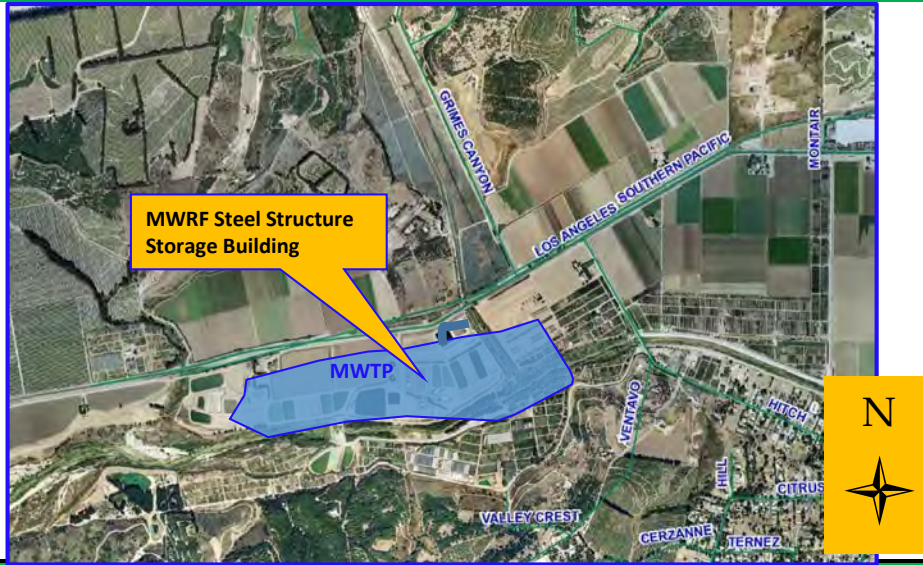
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: MWRF Steel Structure Storage Building

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

This project is to build a storage building at Moorpark Water Reclamation Facility (MWRF) in Moorpark. The new steel storage building will be across from the existing office and laboratory building. The proposed pad is roughly 16,000 square feet, the site is currently vacant.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	124,000	80,000				
Right-of-Way						
Con. Eng/Insp		106,576				
Construction		975,514				
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -				
Fiscal Year Total	\$ 124,000	\$ 1,162,090	\$ -	\$ -		\$ -
Total Estimated Cost:	\$ 1,286,090					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

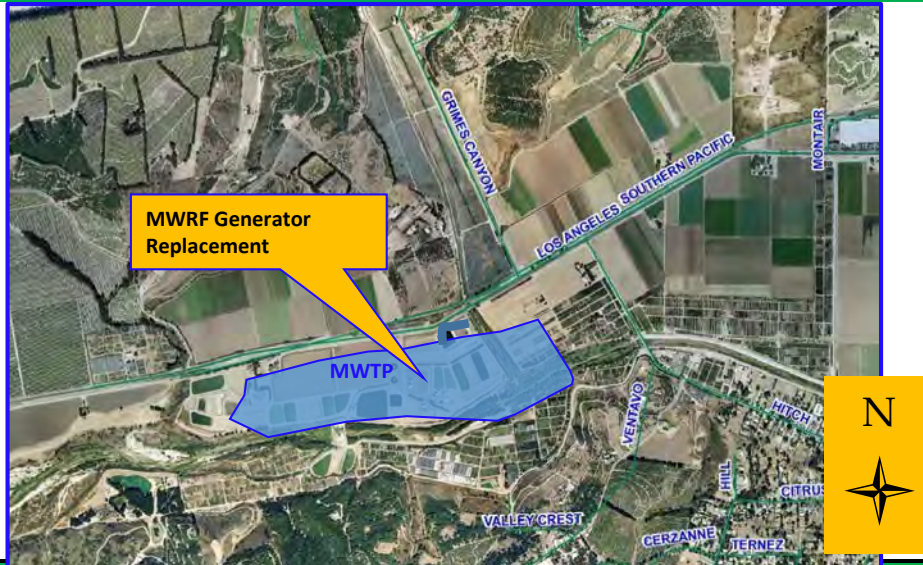
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: MWRF Generator Replacement

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

To replace existing generator for reliable production and enhance efficiency.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		300,000				
Right-of-Way						
Con. Eng/Insp			100,000	100,000		
Construction			250,000	250,000		
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -				
Fiscal Year Total	\$ -	\$ 300,000	\$ 350,000	\$ 350,000		\$ -
Total Estimated Cost:	\$ 1,000,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: MWTP Biosolids Drying and Disposal Facility

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construction of the solids handling facilities including but not limited to aerobic digester, gravity belt thickening unit and additional solids storage area.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	7,800			100,000		
Right-of-Way	6,500					
Con. Eng/Insp				330,000		
Construction				1,320,000		
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -	\$ -	\$ -		
Fiscal Year Total	\$ 14,300	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -
Total Estimated Cost:	\$ 1,764,300					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: MWRF Left Turn Lane along Los Angeles Avenue

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: N/A

City of: Moorpark

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construction left turn lane to Moorpark Wastewater Rehabilitation Facility to alleviate safety issue at the MWRF entrance on Los Angeles Avenue.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	140,000	30,000	400,000	13,000		
Right-of-Way		30,000	50,000			
Con. Eng/Insp			50,000	375,000		
Construction			700,000	1,700,000		
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -				
Fiscal Year Total	\$ 140,000	\$ 60,000	\$ 1,200,000	\$ 2,088,000		\$ -
Total Estimated Cost:	\$ 3,488,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Sewer Replacement and Relining

Project No.: N/A

Supr. District: 4 VCWWD No. 1 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP

Sewer Replacement and Relining

**SCOPE OF WORK AND OBJECTIVE**

Replacement and relining of ageing, sagging, leaking and clogged sewer pipelines

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			200,000	100,000	100,000	
Right-of-Way			50,000	25,000	25,000	
Con. Eng/Insp			250,000	125,000	125,000	
Construction			1,000,000	500,000	500,000	
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -	\$ -			\$ -
Fiscal Year Total	\$ -	\$ -	\$ 1,500,000	\$ 750,000	\$ 750,000	\$ -
Total Estimated Cost:	\$ 3,000,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

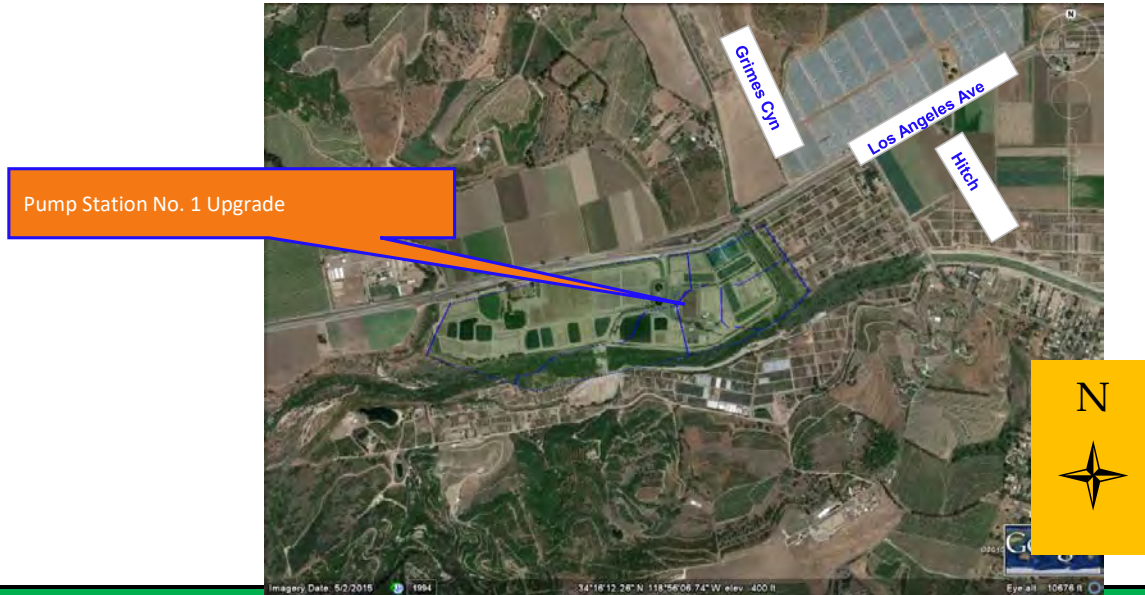
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Pump Station #1 Upgrade

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Upgrade existing pump station no.1 to enhance efficiency and productivity.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				50,000		
Right-of-Way						
Con. Eng/Insp						
Construction				100,000		
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -	\$ -			
Fiscal Year Total	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Total Estimated Cost:	\$ 150,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Arroyo Lift Station Improvements

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Rehabilitation and repair of Arroyo Lift Station including adding VFD for pump 2, rebuilding for pump 2 and additional upgrades and improvements

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			50,000			
Right-of-Way						
Con. Eng/Insp						
Construction			300,000			
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -	\$ -			
Fiscal Year Total	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 350,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Pump Station #3 Rehabilitation

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Rehabilitation of existing pump station no. 3, and installation of generator

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			50,000			
Right-of-Way						
Con. Eng/Insp						
Construction			200,000			
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -	\$ -			
Fiscal Year Total	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 250,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

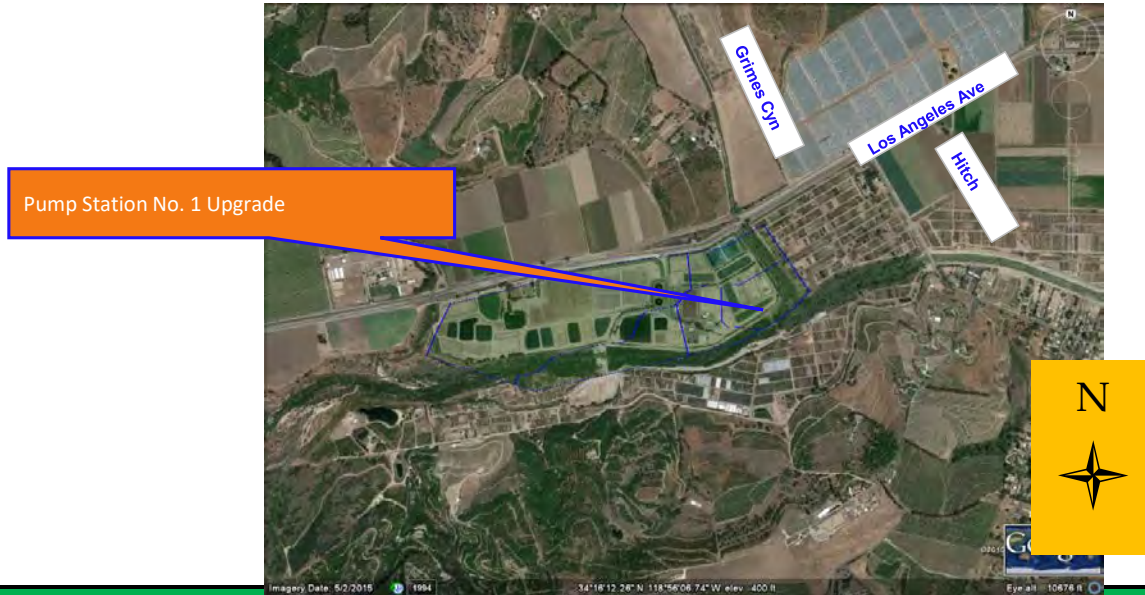
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Sludge Rehabilitation

Project No.: N/A

Supr. District: 2 VCWWD No. 1 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Sludge rehabilitation including expanding sludge drying beds with drainage back to headworks

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				35,000		
Right-of-Way						
Con. Eng/Insp						
Construction				200,000		
Miscellaneous*						
Projected Annual O&M Costs	\$ -	\$ -	\$ -			
Fiscal Year Total	\$ -	\$ -	\$ -	\$ 235,000	\$ -	\$ -
Total Estimated Cost:	\$ 235,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. _____ EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

**VENTURA COUNTY WATER & SANITATION DEPARTMENT
VENTURA COUNTY WATERWORKS DISTRICT NO. 16 - SEWER**

**PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN**

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
New Infrastructure	Ventura County Waterworks District No. 16, Piru Treatment Plant Upgrade	\$50,000
Rehabilitation	Piru Plant Sump Boxes with pumps in Oxidation Ditches & Digesters and Rags Removal	\$50,000
TOTAL		<u>\$100,000</u>
<u>2024-28</u>		
New Infrastructure	Piru Wastewater Treatment Plant - Solar PV Facilities	\$1,120,000
Rehabilitation	Monitoring Wells 3 & 4 Deepening	\$130,000
Rehabilitation	Piru Plant Clarifier Brush Assembly for Algae Control	\$120,000
Rehabilitation	Piru Plant Sump Boxes with pumps in Oxidation Ditches & Digesters and Rags Removal	\$170,000
TOTAL		<u>\$1,640,000</u>

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Ventura County Waterworks District No. 16, Piru Treatment Plant Upgrade Project No.: 36704

Supr. District: 3 VCWWD No. 16 - Sewer Unincorporated Area: X City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construct additional desalter treatment train within the existing Piru Wastewater Treatment Plant to meet state discharge requirements.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	800,000					
Right-of-Way						
Con. Eng/Insp	1,000,000	50,000				
Construction	6,000,000					
Miscellaneous*						
Fiscal Year Total	\$ 7,800,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 7,850,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS _____ Date Completed 9/29/04 Date Filed 10/07/04

REMARKS

Project to be funded by combination of operating revenues, Prop 84 State grant and Federal ARPA grant

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Piru Tertiary Treatment Facilities - Solar PV Facilities

Project No.:

Supr. District: 3 VCWWD No. 16 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Waterworks District #16 (District) is proposing a 200-KW solar photovoltaic (PV) power generation system for the Piru Wastewater Treatment Plant (PWTP) and its plant effluent desalination treatment facility. The project includes engineering design, construction and project management of a solar PV system to provide most of the electricity energy requirements to operate the PWTP and the advanced desalination treatment facility. The PV system will include site improvement, solar panels, single-axis ground trackers, inverters, electrical ducting, conduits, and wiring, and electrical and instrumentation control and monitoring equipment and housing facilities.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design						
Right-of-Way						
Con. Eng/Insp						
Construction						1,120,000
Miscellaneous*						
Projected Annual O&M Cost	\$ -	\$ -	\$ -		\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,120,000
Total Estimated Cost:	\$ 1,120,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS Date Completed Date Filed

REMARKS

Project to be funded by combination of operating revenues and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Monitoring Wells 3 & 4 Deepening

Project No.:

Supr. District: 3 VCWWD No. 16 - Sewer Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Waterworks District #16 (District) is proposing to deepen Monitoring Wells 3 and 4 in order to accurately track groundwater levels.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			5,000			
Right-of-Way			30,000			
Con. Eng/Insp			15,000			
Construction			80,000			
Miscellaneous*						
Projected Annual O&M Cost	\$ -	\$ -	\$ -		\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 130,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS Date Completed Date Filed

REMARKS

Project to be funded by combination of operating revenues and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY
WATER & SANITATION DEPARTMENT

Project Name: Piru Plant Clarifier Brush Assembly for Algae Control Project No.:

Supr. District: 3 VCWWD No. 16 - Sewer Unincorporated Area: X City of: N/A

LOCATION MAP



SCOPE OF WORK AND OBJECTIVE

To install clarifier brush assembly to control algae growth in the clarifier.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			5,000			
Right-of-Way						
Con. Eng/Insp			15,000			
Construction			100,000			
Miscellaneous*						
Projected Annual O&M Cost	\$ -	\$ -	\$ -		\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 120,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS Date Completed Date Filed

REMARKS

Project to be funded by combination of operating revenues and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Piru Plant Sump Boxes with pumps in Oxidation Ditches & Digesters and Rags Removal Project No.:

Supr. District: 3 VCWWD No. 16 - Sewer Unincorporated Area: X City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

To install sump boxes with pumps to improve performance in Oxidation Ditches and Digesters and perform Rags removal.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			5,000			
Right-of-Way						
Con. Eng/Insp			15,000			
Construction		50,000	150,000			
Miscellaneous*						
Projected Annual O&M Cost	\$ -	\$ -	\$ -		\$ -	\$ -
Fiscal Year Total	\$ -	\$ 50,000	\$ 170,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 220,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS Date Completed Date Filed

REMARKS

Project to be funded by combination of operating revenues and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

**VENTURA COUNTY WATER & SANITATION DEPARTMENT
VENTURA COUNTY WATERWORKS DISTRICT NO. 17**

**PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN**

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
New Infrastructure	General Water System Improvements	\$100,000
New Infrastructure	Reservoir No. 3 with piping within Zone 1677	\$630,000
TOTAL		<u><u>\$730,000</u></u>
<u>2024-28</u>		
New Infrastructure	General Water System Improvements	\$300,000
New Infrastructure	Reservoir No. 3 with piping within Zone 1677	\$11,000,000
Rehabilitation	Coating and Repair Bell Canyon Reservoir No. 1	\$800,000
Rehabilitation	Asset Life Expectancy Study	\$350,000
TOTAL		<u><u>\$13,180,000</u></u>

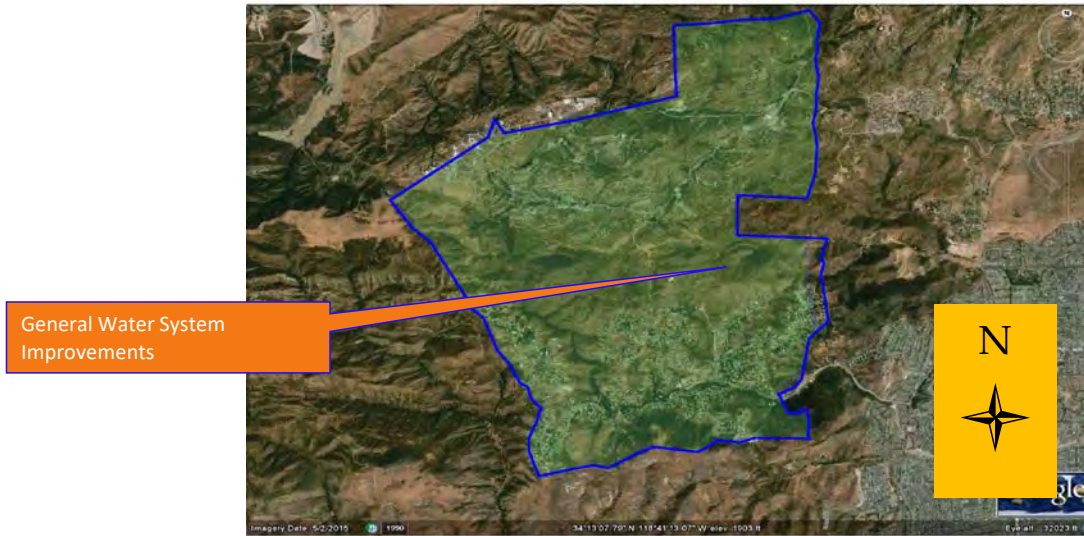
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: General Water System Improvements

Project No.: N/A

Supr. District: 4 VCWWD No. 17 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

General water system improvements on various locations in District 17. Pipe and appurtenances replacements. Improve the water distribution system efficiency and facilities. New Booster pump stations or zone configuration. Replacement of 2,400 L.F. of 10" steel piping through Bell Canyon Creek, connecting 1924 pressure zone to 1677 pressure zone.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	100,000	100,000				
Right-of-Way						
Con. Eng/Insp			25,000	25,000	25,000	
Construction			75,000	75,000	75,000	
Miscellaneous*						
Fiscal Year Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
Total Estimated Cost:	\$ 500,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. Neg. Dec. X EIR/EIS Date Completed Date Filed **REMARKS**

Interest-free State Revolving Fund Loan (SRF) with 30% principal forgiveness from Federal ASADRA funding. Financing eligibility associated with Federal Disaster Declaration related to 2018 Woolsey Fire. Loan application approval pending completion of CEQA.

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Reservoir No. 3

Project No.: N/A

Supr. District: 4 VCWWD No. 17 - Water Unincorporated Area: X

City of: N/A

LOCATION MAPProposed 1.74 MG
Reservoir**SCOPE OF WORK AND OBJECTIVE**

Construction of an approximately 1.74 MG reservoir within the 1677 Zone.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	330,000	600,000				
Right-of-Way		30,000	300,000	300,000		
Con. Eng/Insp			200,000	200,000		
Construction			5,000,000	5,000,000		
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 330,000	\$ 630,000	\$ 5,500,000	\$ 5,500,000	\$ -	\$ -
Total Estimated Cost:	\$ 11,960,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Interest-free State Revolving Fund Loan (SRF) with 30% principal forgiveness from Federal ASADRA funding. Financing eligibility associated with Federal Disaster Declaration related to 2018 Woolsey Fire. Loan application approval pending completion of CEQA.

Prepared by: Jeewoong Kim

Date: 1/2023

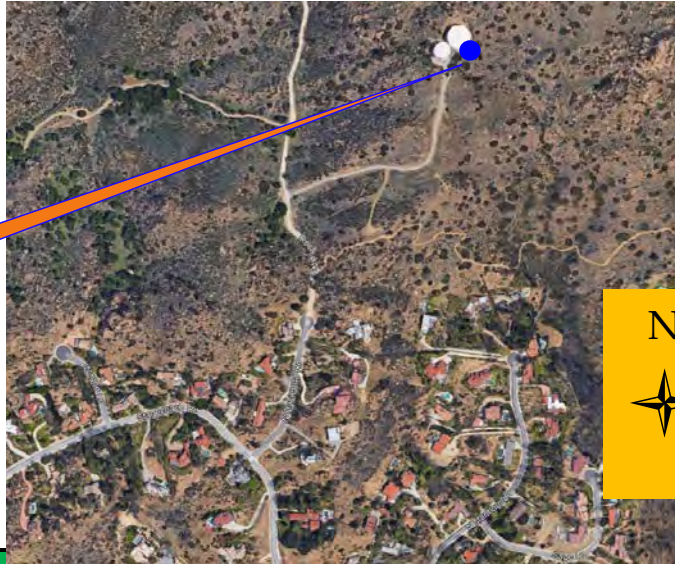
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Coating and Repair Bell Canyon Reservoir #1

Project No.: N/A

Supr. District: 4 VCWWD No. 17 - Water Unincorporated Area: X

City of: N/A

LOCATION MAPBell Canyon
Reservoir #1**SCOPE OF WORK AND OBJECTIVE**

Reservoir repairs shall include removal and disposal of all waste generated, spot repairs of all paint defect areas, nuts bolts, flanges, fasteners and gaskets replacements. Interior and exterior lining system. Corrosion problems correction per SSPC, AWWA and The Society of Protective Coating requirements.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			50,000			
Right-of-Way						
Con. Eng/Insp			200,000			
Construction			550,000			
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 800,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS_____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by operating revenues and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

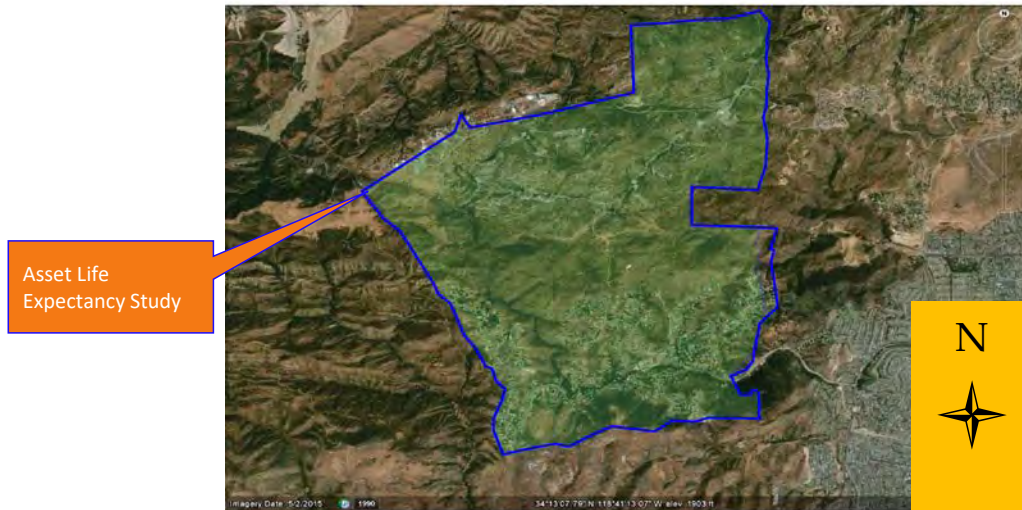
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Asset Life Expectancy Study

Project No.: N/A

Supr. District: 4 VCWWD No. 17 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

To conduct District 17 Asset Life Expectancy study.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				100,000	250,000	
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ -	\$ 100,000	\$ 250,000	\$ -
Total Estimated Cost:	\$ 350,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. Neg. Dec. EIR/EIS_____ Date Completed _____ Date Filed _____

REMARKS

Project to be funded by operating revenues and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

**VENTURA COUNTY WATER & SANITATION DEPARTMENT
VENTURA COUNTY WATERWORKS DISTRICT NO. 19 - WATER**

**PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN**

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
Infrastructure Improvements	Coating and Repair Balcom Canyon Reservoir	\$ 300,000
New Infrastructure, Pipeline Upgrades or Replacements	Zone 538 Reservoir and Pump Station	\$ 1,000,000
Pipeline Upgrades or Replacements	General Water System Improvements	\$ 70,000
TOTAL		<u>\$ 1,370,000</u>
<u>2024-28</u>		
Infrastructure Improvements	Coating and Repair Balcom Canyon Reservoir	\$ 600,000
New Infrastructure	Zone 538 Reservoir and Pump Station and Generator	\$ 3,500,000
Infrastructure Improvements	Pipeline Replacement at Caltrans ROW	\$ 3,700,000
Pipeline Upgrades or Replacements	Well No. 5 Iron & Manganese Treatment Facility	\$ 4,070,000
Pipeline Upgrades or Replacements	Aging Pipeline Replacement	\$ 500,000
Infrastructure Upgrades or Replacements	Reservoir Repair, Recoating, and Replacement Reservoirs 860 No. 2 & 1030 No. 1 & 2	\$ 1,100,000
Pipeline Upgrades or Replacements	General Water System Improvements	\$ 300,000
Infrastructure Upgrades or Replacements	Bradley Pump Station and Greentree Reservoir Construction	\$ 1,600,000
Infrastructure Upgrades or Replacements	Well 4 Pump Replacement	\$ 1,100,000
TOTAL		<u>\$ 17,840,000</u>

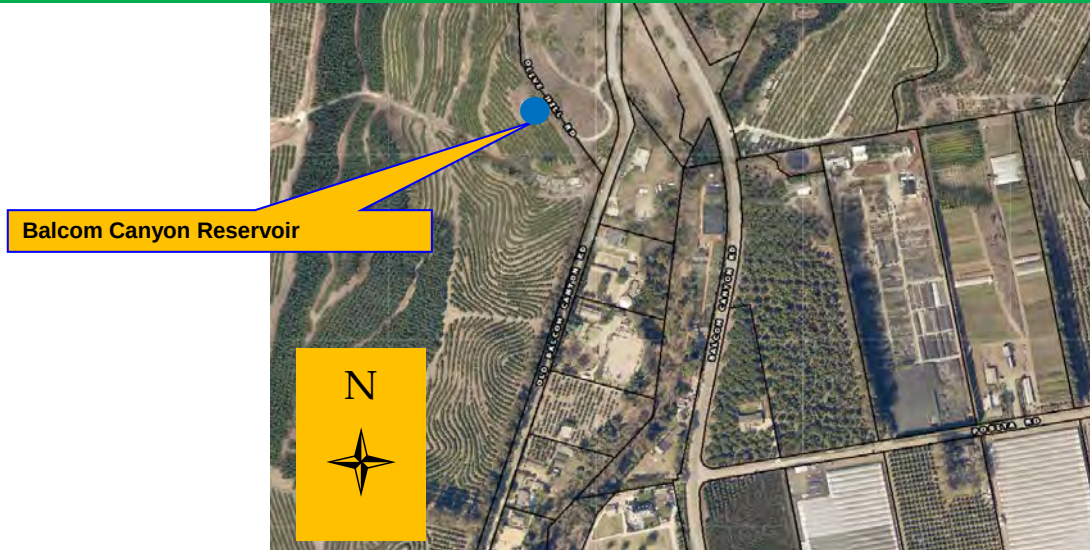
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Coating and Repair Balcom Canyon Reservoir

Project No.: 39898

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Reservoir repairs shall include removal and disposal of all waste generated, spot repairs of all paint defect areas, nuts bolts, flanges, fasteners and gaskets replacements. Interior and exterior lining system. Corrosion problems correction per SSPC, AWWA and The Society of Protective Coating requirements.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		20,000				
Right-of-Way						
Con. Eng/Insp		60,000	100,000			
Construction		220,000	500,000			
Miscellaneous*						
Fiscal Year Total	\$ -	\$ 300,000	\$ 600,000		\$ -	\$ -
Total Estimated Cost:	\$ 900,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed 2-14-2012 Date Filed 4/2013**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Zone 538 Reservoir and Pump Station and Generator

Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Increase the storage capacity of the 538 Zone by the installation of an additional reservoir or the replacement of the existing reservoir by a larger unit. Replacement of the existing transmission line crossing under the river. The water line crossing the river is very old and can be washed out of service during major storm event.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	31,000	50,000	50,000	50,000		
Right-of-Way	23,000					
Con. Eng/Insp		100,000	150,000	150,000		
Construction		850,000	1,300,000	1,300,000	500,000	
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 54,000	\$ 1,000,000	\$ 1,500,000	\$ 1,500,000	\$ 500,000	\$ -
Total Estimated Cost:	\$ 4,554,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

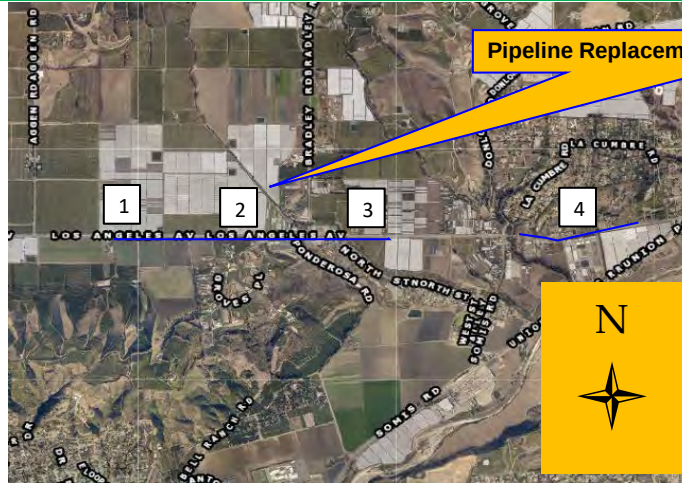
VENTURA COUNTY PUBLIC WORKS AGENCY

WATER & SANITATION DEPARTMENT

Project Name: Pipeline Replacement at Caltrans ROW Project No.: 39904

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X City of: N/A

LOCATION MAP



SCOPE OF WORK AND OBJECTIVE

Four (4) projects along State Highway 118 (Los Angeles Avenue) District #19 involving the Upgrade or Replacement of existing sub-sized or deteriorating water mains to improve the water system's efficiency and flexibility.

1) Highway 118, from Groves Place, west to Aggen Road; 2) Highway 118, from Bradley Road, west to Groves Place; 3) Highway 118, from Bradley Road, east to the existing 10-inch main; 4) Highway 118, Donlon Road, west to La Cumbre Road.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	3,000		50,000	50,000	50,000	50,000
Right-of-Way			95,000	95,000	95,000	95,000
Con. Eng/Insp			130,000	130,000	130,000	130,000
Construction			650,000	650,000	650,000	650,000
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 3,000	\$ -	\$ 925,000	\$ 925,000	\$ 925,000	\$ 925,000
Total Estimated Cost:	\$ 3,703,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. X EIR/EIS _____ Date Completed 2-14-12 Date Filed 4/2013

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Well No. 5 Iron and Manganese Treatment Facility

Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Provide wellhead treatment including well pump, motor, piping, iron and manganese treatment, instrumentation and site improvements to replace one of the existing wells, particularly Well No. 3.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				200,000	200,000	200,000
Right-of-Way				50,000	50,000	50,000
Con. Eng/Insp				200,000	200,000	200,000
Construction			470,000	750,000	750,000	750,000
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -		\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 470,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000
Total Estimated Cost:	\$ 4,070,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. _____ Neg. Dec. _____ EIR/EIS _____ Date Completed 2-14-12 Date Filed _____

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

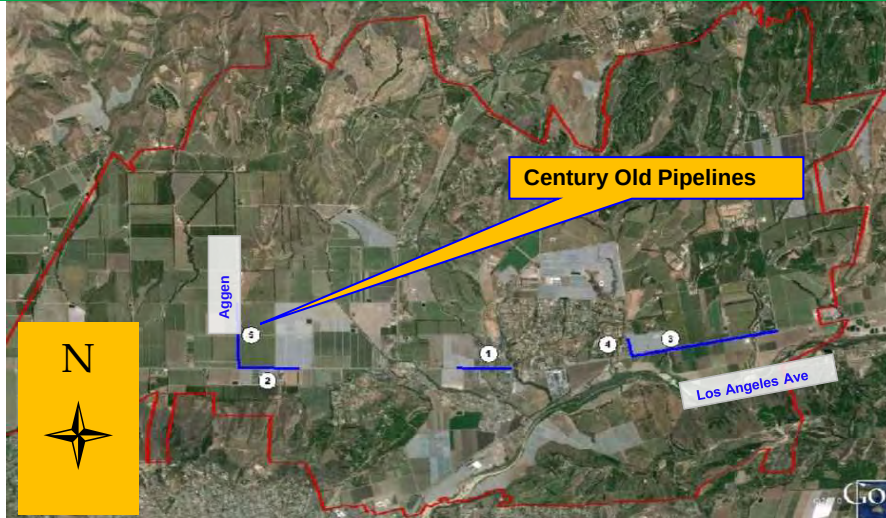
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Aging Pipeline Replacements

Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Various projects within District #19 involving the Upgrade or Replacement of existing pipelines which are almost 100 years old and are rapidly deteriorating.

1. Portion of pipeline along L.A. Avenue between Bradley and Donlon
2. Portion of pipeline along L.A. Avenue between Groves and Agen
3. Portion of pipeline along L.A. Avenue between Sand Canyon Rd and Balcom Canyon
4. Pipeline parallel to Chari Lane from E&M Reservoir to La Ave
5. Pipeline at Aggen Rd north of L.A. Ave to 3,800 feet north.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design						500,000
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -		\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ -		\$ -	\$ 500,000
Total Estimated Cost:	\$ 500,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Reservoir Repair, Recoating, and Replacement of Reservoirs 860 No. 2 & 1030 No. 1 & 2 Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Reservoir repairs for Reservoirs 860 No. 2 and replacement of 1030 No. 1 & 2. Reservoir repairs shall include removal and disposal of all waste generated, spot repairs of all paint defect areas, nuts bolts, flanges, fasteners and gaskets replacements. Interior and exterior lining system. Corrosion problems correction per SSPC, AWWA and The Society of Protective Coating requirements.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			200,000	30,000		
Right-of-Way						
Con. Eng/Insp				60,000	70,000	
Construction				240,000	500,000	
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 200,000	\$ 330,000	\$ 570,000	\$ -
Total Estimated Cost:	\$ 1,100,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed

REMARKS

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

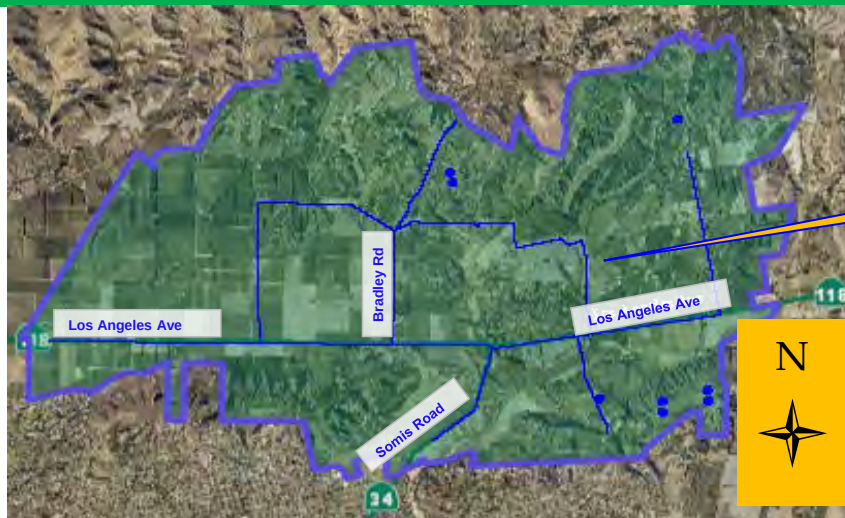
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: General Water System Improvements

Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

General water system improvements on various locations all over District 19. Pipe and appurtenances replacements. Improve the water distribution system efficiency and facilities onsite improvements and upgrades.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		4,200	4,200	4,200	6,200	6,200
Right-of-Way		3,500	3,500	3,500	4,750	4,750
Con. Eng/Insp		8,400	8,400	8,400	8,400	8,400
Construction		53,900	53,900	53,900	60,650	60,650
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ 70,000	\$ 70,000	\$ 70,000	\$ 80,000	\$ 80,000
Total Estimated Cost:	\$ 370,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Well 4 Pump Replacement

Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Well No. 4 rehabilitation which includes installing 3rd filter, pump replacement, motor replacement, and lowering of existing Well No. 4.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			50,000	60,000		
Right-of-Way						
Con. Eng/Insp			50,000	40,000		
Construction			300,000	600,000		
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 400,000	\$ 700,000	\$ -	\$ -
Total Estimated Cost:	\$ 1,100,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

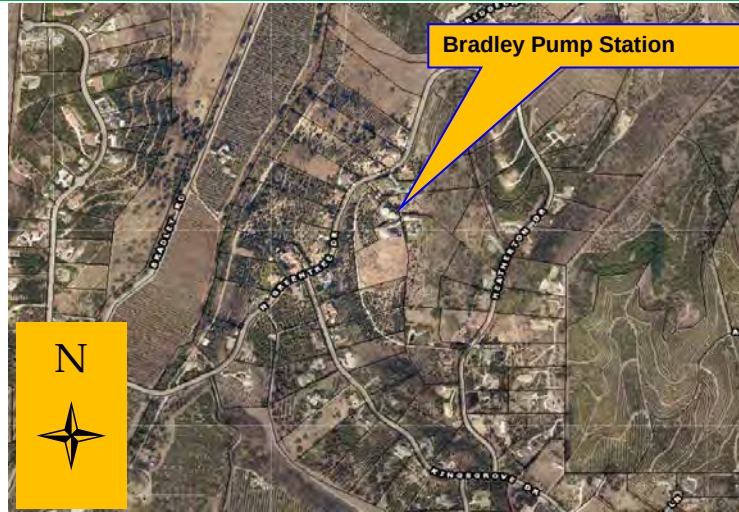
Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Bradley Pump Station and Greentree Reservoir Construction Project No.: N/A

Supr. District: 2 VCWWD No. 19 - Water Unincorporated Area: X City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Construction of new Bradley pump station and Greentree Reservoir including property acquisition, electrical facilities, and pump station.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design					150,000	
Right-of-Way					150,000	300,000
Con. Eng/Insp						250,000
Construction						750,000
Miscellaneous*						
Projected Annual O&M Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 1,300,000
Total Estimated Cost:	\$ 1,600,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Project to be funded by combination of operating revenues, financing, and grants (if available).

Prepared by: Jeewoong Kim

Date: 1/2023

**VENTURA COUNTY WATER & SANITATION DEPARTMENT
VENTURA COUNTY WATERWORKS DISTRICT NO. 38 - WATER**

**PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN**

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
Infrastructure Improvements	General Water System Improvements	\$100,000
TOTAL		<u><u>\$100,000</u></u>
<u>2024-28</u>		
Infrastructure Improvements	General Water System Improvements	\$400,000
Planning	Master Plan Update	\$100,000
Planning	Alternate District Source Study	\$100,000
TOTAL		<u><u>\$700,000</u></u>

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: General Water System Improvements

Project No.: N/A

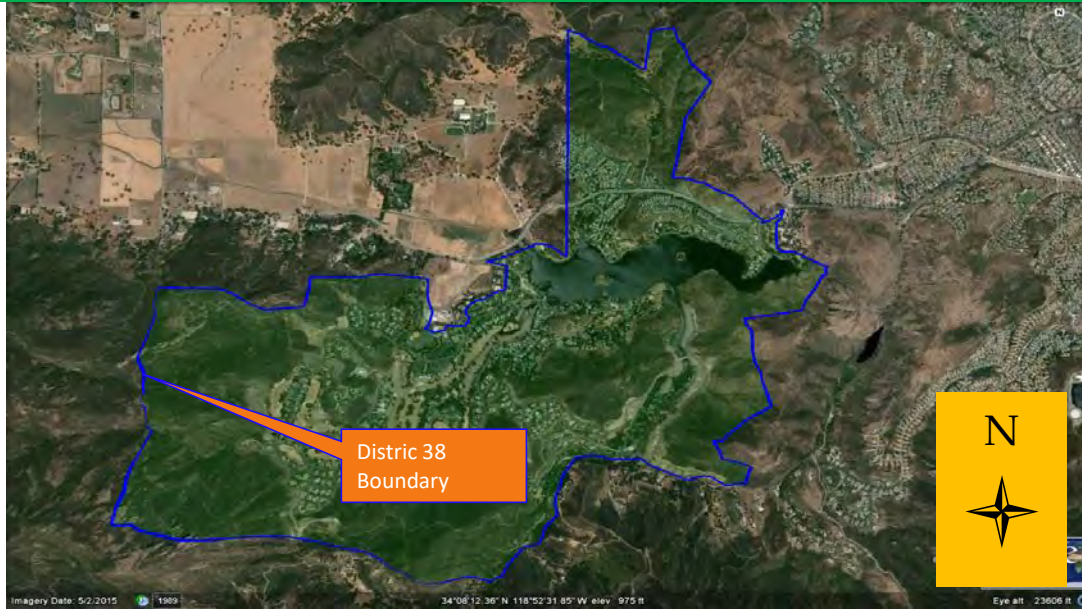
VCWWD No.38 -

Supr. District: 2

Water

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Unidentified water system improvements throughout District 38 to comply with Federal and State requirements and to improve the efficiency and flexibility of the system.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	20,000	10,000	10,000	10,000	10,000	10,000
Right-of-Way	5,000	5,000	5,000	5,000	5,000	5,000
Con. Eng/Insp	50,000	10,000	10,000	10,000	10,000	10,000
Construction	200,000	75,000	75,000	75,000	75,000	75,000
Miscellaneous*						
Fiscal Year Total	\$ 275,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Total Estimated Cost:	\$ 775,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____**REMARKS**

Lake Sherwood Community Services District - Water
Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY
WATER & SANITATION DEPARTMENT

Project Name: Master Plan Update

Project No.: N/A

VCWWD No.38 -

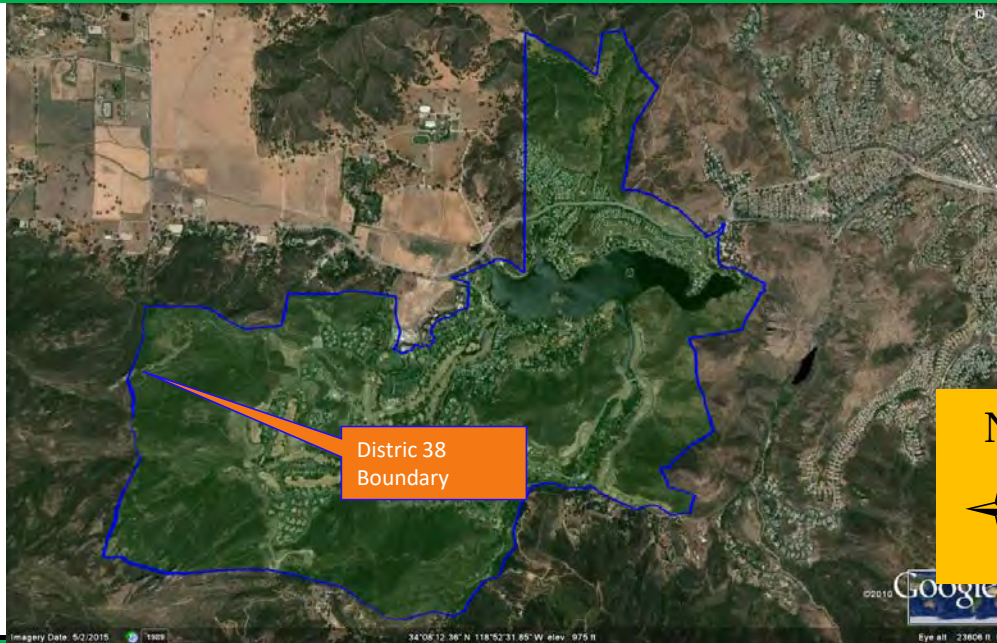
Supr. District: 2

Water

Unincorporated Area: X

City of: N/A

LOCATION MAP



SCOPE OF WORK AND OBJECTIVE

Update master plan with final buildout infrastructure.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			100,000			
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 275,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 375,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. X Neg. Dec. EIR/EIS _____ Date Completed _____ Date Filed _____

REMARKS

Lake Sherwood Community Services District - Water
 Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Alternate District Source Study

Project No.: N/A

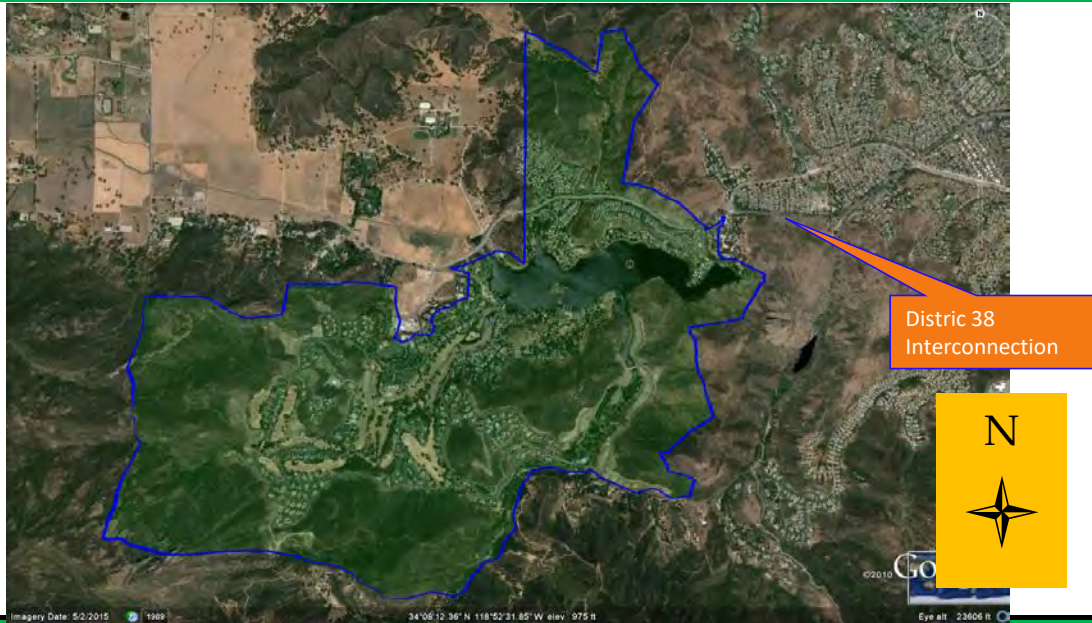
VCWWD No.38 -

Supr. District: 2

Water

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Investigate alternate interconnection at Potrero Road East into the Thousand Oaks

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				100,000		
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 275,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -
Total Estimated Cost:	\$ 375,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed **REMARKS**Lake Sherwood Community Services District - Water
Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023

**VENTURA COUNTY WATER & SANITATION DEPARTMENT
COUNTY SERVICE AREA NO. 29 - SEWER**

**PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN**

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
Planning	Master Plan	\$100,000
Infrastructure Improvements	SCADA Improvements	\$100,000
Infrastructure Improvements	Sewer System Modernization Project	\$600,000
TOTAL		<u><u>\$800,000</u></u>

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2024-28</u>		
Planning	Master Plan	\$100,000
Infrastructure Improvements	SCADA Improvements	\$150,000
Infrastructure Improvements	Sewer System Modernization Project	\$2,000,000
Rehabilitation	Drywell Replacement and Generator	\$130,000
Rehabilitation	Electrical Systems Upgrade	\$150,000
TOTAL		<u><u>\$3,330,000</u></u>

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Sewer System Modernization Project

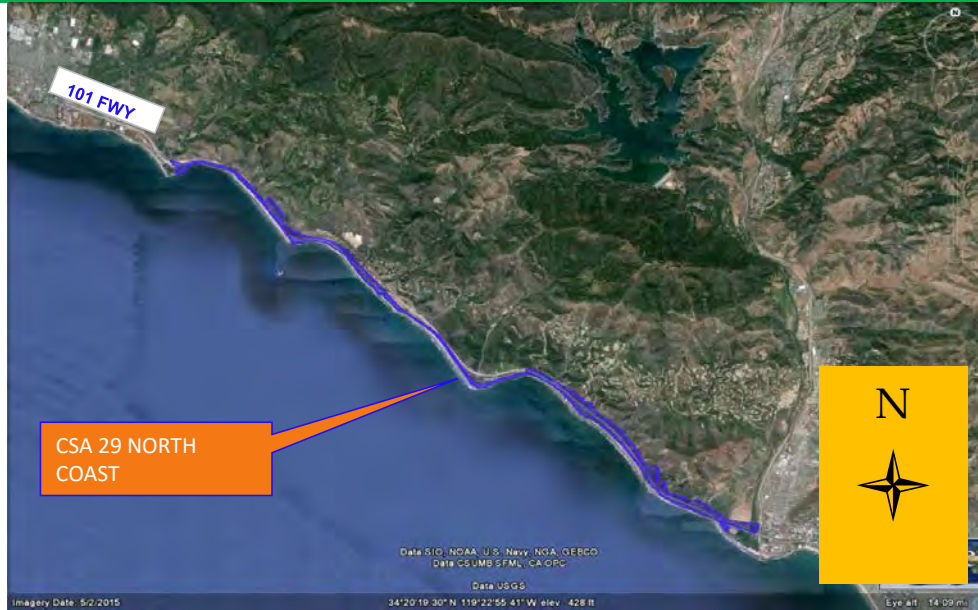
Project No.: N/A

CSA No. 29

Supr. District: 1 -Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Unidentified sewer system improvements and replacements throughout County Service Area No. 29 to comply with Federal and State requirements, and improve the efficiency and flexibility of the system. Includes step tank upgrade and replacement of approximately 1/2-mile per year.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		100,000	100,000			
Right-of-Way		50,000	50,000			
Con. Eng/Insp		100,000	100,000	100,000	50,000	50,000
Construction		350,000	350,000	600,000	300,000	300,000
Miscellaneous*						
Fiscal Year Total	\$ -	\$ 600,000	\$ 600,000	\$ 700,000	\$ 350,000	\$ 350,000
Total Estimated Cost:	\$ 2,600,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed **REMARKS**

Project to be funded by financing.

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

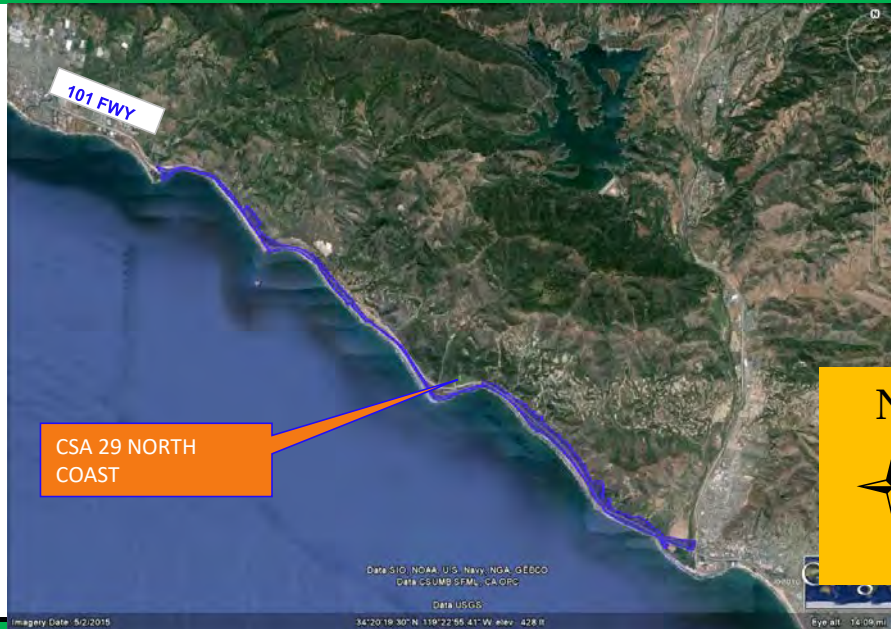
Project Name: Master Plan

Project No.: N/A

Supr. District: 1 CSA No. 29
- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Master Plan to identify deficiencies and plan for future years.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design		100,000	100,000			
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 200,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. ☐ EIR/EIS ☐ Date Completed Date Filed **REMARKS**

Project to be funded by financing.

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

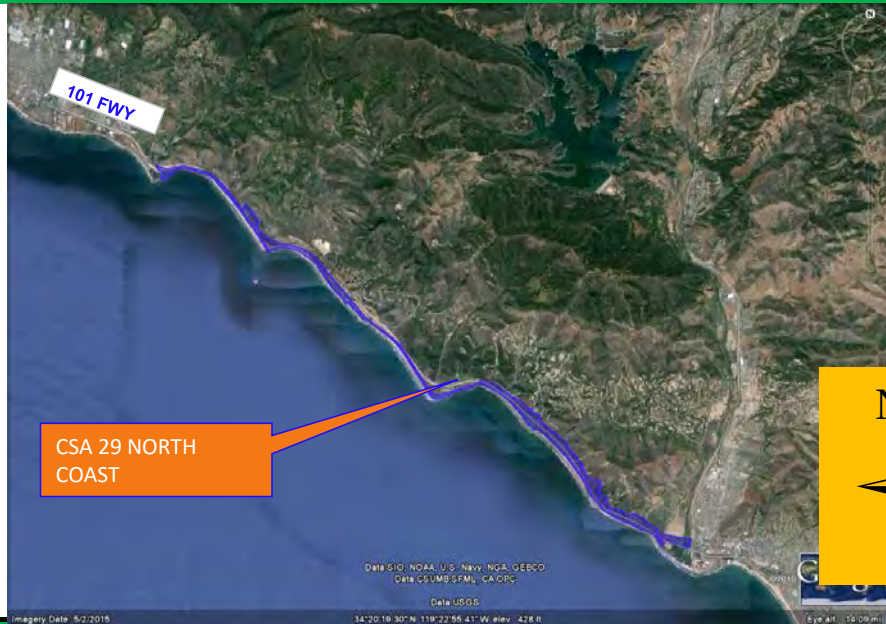
Project Name: SCADA Improvements

Project No.: N/A

Supr. District: 1 CSA No. 29
- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Supervisory control and data acquisition integration to the instrumentation and control of Service Area 29 sewer system and facilities. Electrical facilities wiring and hardware upgrades and replacements. PLC ladder I/Os, DOs logic control programming, troubleshooting, and automation.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	50,000	100,000	150,000			
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ 50,000	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 300,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. ☐ EIR/EIS ☐ Date Completed Date Filed **REMARKS**

Project to be funded by financing.

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

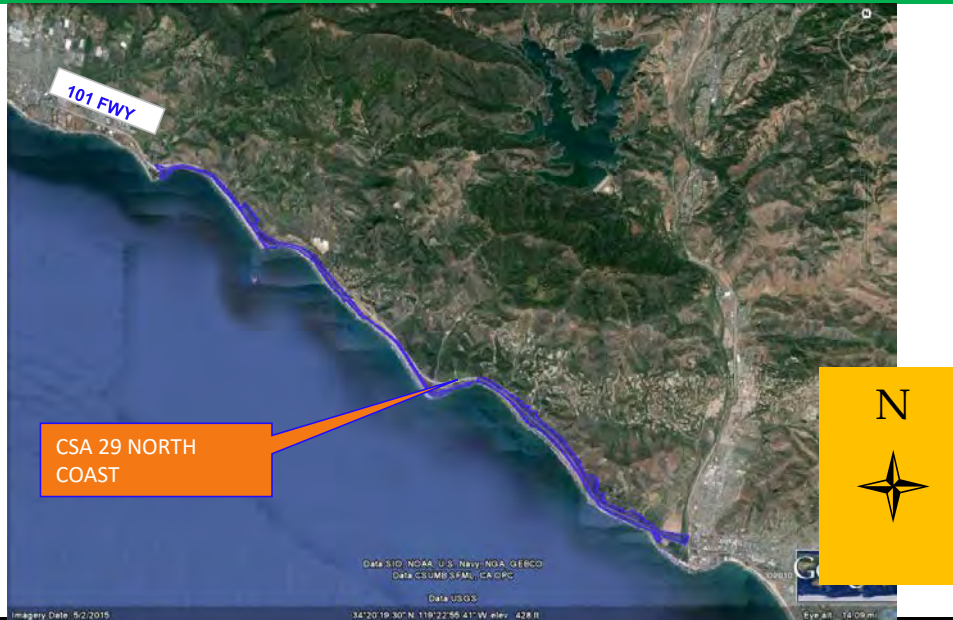
Project Name: Electrical Systems Upgrade

Project No.: N/A

Supr. District: 1 CSA No. 29
- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

To upgrade electrical system throughout County Service Area No. 29

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			150,000			
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 150,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. ☐ EIR/EIS ☐ Date Completed Date Filed **REMARKS**

Project to be funded by financing.

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

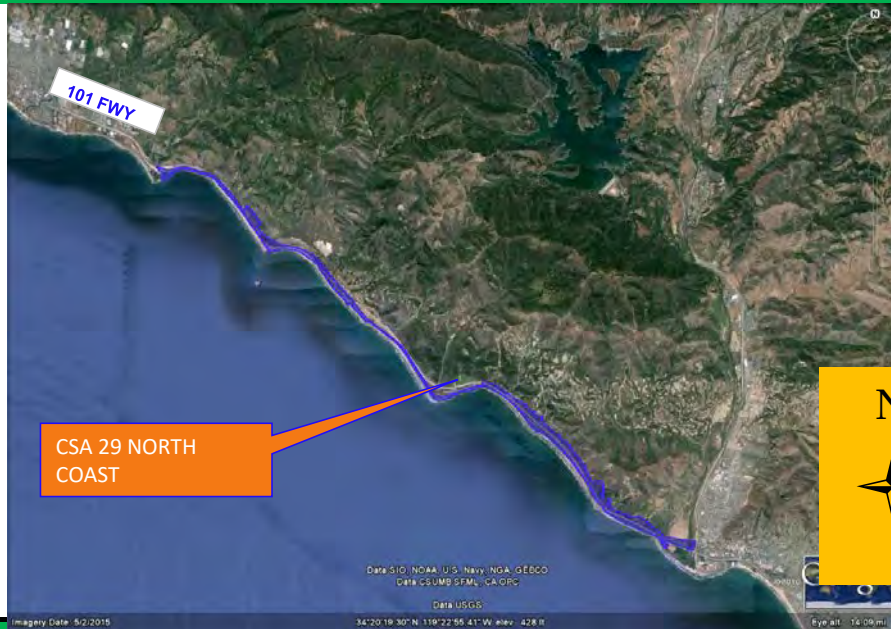
Project Name: Drywell Replacement and Generator

Project No.: N/A

Supr. District: 1 CSA No. 29
- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Drywell and generator at the County Service Area No. 29 needs to be evaluated for upgrade and replacement.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				130,000		
Right-of-Way						
Con. Eng/Insp						
Construction						
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ -	\$ 130,000	\$ -	\$ -
Total Estimated Cost:	\$ 130,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. ☐ EIR/EIS ☐ Date Completed Date Filed **REMARKS**

Project to be funded by financing.

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY WATER & SANITATION DEPARTMENT
COUNTY SERVICE AREA NO. 30 - SEWER

PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
Infrastructure Upgrade	Nyeland Lift Station Upgrade	\$510,000
TOTAL \$		<u>510,000</u>

2024-28

TOTAL \$ 510,000

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Nyeland Lift Station Upgrade

Project No.: N/A

Supr. District: 3 CSA No. 34
- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Replace and upgrade the instrumentation and controls for the Nyeland lift station, replace corroded pipe, and install a bypass manhole and prescreening.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	5,000	10,000				
Right-of-Way						
Con. Eng/Insp		50,000				
Construction	45,000	450,000				
Miscellaneous*						
Fiscal Year Total	\$ 50,000	\$ 510,000		\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 560,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed **REMARKS**

Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY WATER & SANITATION DEPARTMENT
COUNTY SERVICE AREA NO. 34 - SEWER

PLANNED CAPITAL PROJECTS
FIVE-YEAR PLAN

<u>PROJECT</u>	<u>LOCATION & DESCRIPTION</u>	<u>EST. COST</u>
<u>2023-24</u>		
Infrastructure Upgrade	Montgomery Lift Station Upgrade, Corrosion Renovation	\$550,000
TOTAL \$		<u>550,000</u>
<u>2024-28</u>		
Infrastructure Upgrade	Manhole Rehabilitation	\$270,000
TOTAL \$		<u>820,000</u>

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Montgomery Lift Station Upgrade

Project No.: N/A

Supr. District: 3 CSA No. 34

- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Replace and upgrade the instrumentation and controls for the Montgomery lift station, replace corroded pipe, and replace pumps.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design	5,000					
Right-of-Way						
Con. Eng/Insp						
Construction	45,000	550,000				
Miscellaneous*						
Fiscal Year Total	\$ 50,000	\$ 550,000	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost:	\$ 600,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. ☒ Neg. Dec. ☐ EIR/EIS ☐ Date Completed Date Filed **REMARKS**

Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023

VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Manhole Rehabilitation

Project No.: N/A

Supr. District: 3 CSA No. 34
- Sewer

Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Repair and rehabilitate failing manholes, including but not limited to, repairing of rings, and relining

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design			15,000	15,000		
Right-of-Way						
Con. Eng/Insp			20,000	20,000		
Construction			100,000	100,000		
Miscellaneous*						
Projected Annual O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total	\$ -	\$ -	\$ 135,000	\$ 135,000	\$ -	\$ -
Total Estimated Cost:	\$ 270,000					

ENVIRONMENTAL REQUIREMENTSCat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed **REMARKS**

Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023

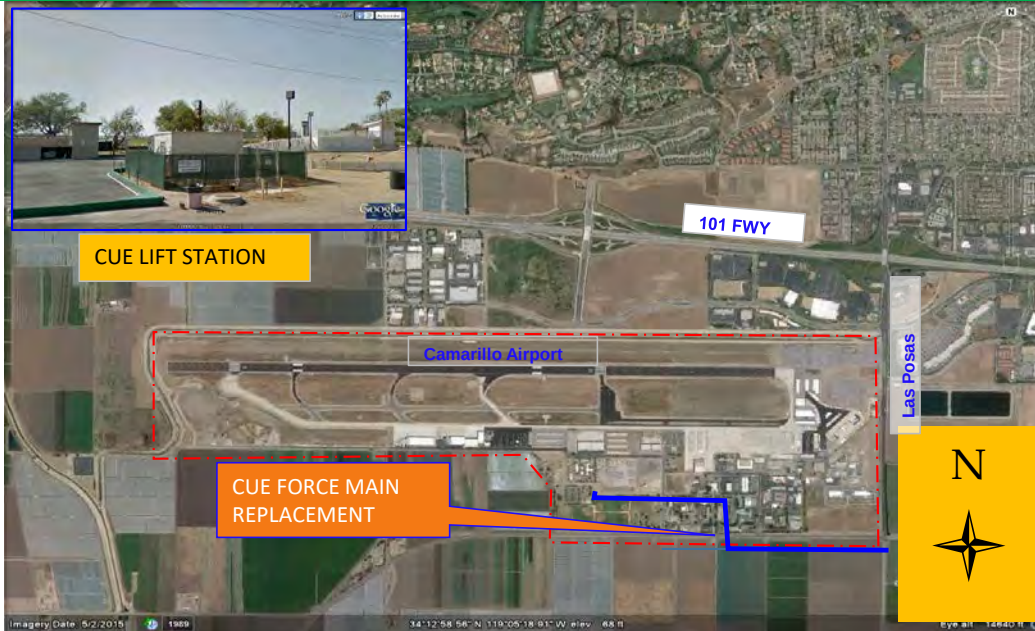
VENTURA COUNTY PUBLIC WORKS AGENCY**WATER & SANITATION DEPARTMENT**

Project Name: Freedom Park Lift Station Upgrade
Camarillo Utility Enterprise (CUE) - Sewer

Project No.: N/A

Supr. District: 3 Unincorporated Area: X

City of: N/A

LOCATION MAP**SCOPE OF WORK AND OBJECTIVE**

Replace the electrical wiring, conduits, panels and instrumentation & controls for Freedom Park Lift Station.

ESTIMATED COST PER FISCAL YEAR

Category	Prev Yrs	2023-24	2024-25	2025-26	2026-27	2027-28
Design				70,000		
Right-of-Way						
Con. Eng/Insp					30,000	30,000
Construction					250,000	250,000
Miscellaneous*						
Fiscal Year Total	\$ -	\$ -	\$ -	\$ 70,000	\$ 280,000	\$ 280,000
Total Estimated Cost:	\$ 630,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex. X Neg. Dec. EIR/EIS Date Completed Date Filed

REMARKS

Project to be funded by operating revenues

Prepared by: Jeewoong Kim

Date: 1/2023