

Water Projects



Five Year Capital Improvement Program

	Page #	Expended as of 2/29/24	Remaining Budget	Proposed 2024/25
Water				
~ Funded Projects ~				
Annual Water Main Replacements	1	259,698	1,289,527	-
Canon Waterline Rehabilitation	2	2,481	297,519	-
Electrical Improvements and Upgrades Phase I	3	-	1,000,000	2,000,000
Pedley Filtration Plant Upgrades	4	-	-	600,000
Pipeline Replacement Phase I	5	448,053	1,051,947	-
Recycled Water - Infrastructure Rehabilitation	6	173,989	76,011	-
Reservoir Assessment and Rehabilitation Design - Various Locations	7	68,853	381,147	-
Reservoir/Treatment/Production Rehabilitation	8	261,304	4,012,696	-
Water Facilities - Site Improvements and Upgrades	9	-	-	3,000,000
Water Facilities - Water Resources Building Site and Street Improvements	10	-	-	1,800,000
Water Main Replacements - Design	11	53,625	346,375	-
Water Mains - Ellen Place	12	46,666	360,581	-
Water Reservoir Rehabilitation	13	-	-	700,000
Water Treatment - Volatile Organic Compound Treatment Plant	14	-	2,500,000	-
Water Category Totals:		1,314,669	11,315,803	8,100,000

Pending 2024/25	Plan 2025/26	Plan 2026/27	Plan 2027/28	Plan Beyond 2028	Total Project Cost	Impact to Future Operating	Project Number
-	-	-	-	-	1,549,225	Minimal	95022
-	-	-	-	-	300,000	Minimal	95086
-	-	-	-	-	3,000,000	Minimal	95083
-	-	-	-	-	600,000	Minimal	95088
-	-	-	-	-	1,500,000	(75,000)	95084
-	-	-	-	-	250,000	Minimal	95080
-	-	-	-	-	450,000	Minimal	95081
-	-	-	-	-	4,274,000	Minimal	95082
-	-	-	-	-	3,000,000	Minimal	95090
-	-	-	-	-	1,800,000	Minimal	95089
-	-	-	-	-	400,000	Minimal	95079
-	-	-	-	-	407,247	Minimal	95029
-	-	-	-	-	700,000	Minimal	95091
-	-	-	-	-	2,500,000	530,000	95087
-	-	-	-	-	20,730,472		

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Funded Projects

Capital Improvement Program Project Details

Project Title: **Annual Water Main Replacements**

Project Description: The 2015 Water Master Plan identified the need to replace approximately 7,000 feet of 6" and 8" water main in: Notre Dame Avenue from Ellen Place to County Road, Ann Arbor Avenue, Stanford Avenue and Titus Avenue from Olive Street to County Road. This project will also fund the inspection, assessment, and rehabilitation of existing water mains. This effort will help reduce leaks and effectively optimize raw water capture and conveyance for potable water production. Rehabilitation methods can include cured-in-place pipe (CIPP) installations, pipe jacking, and/or removal and replacement of piping and associated infrastructure.

(Project description changed in FY 23-24)

Project Number: 595-8125-XXXXX-95022
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2007-08 Yr Amended: 2023-24 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **1,549,225** Total Funded \$ **1,549,225** Total Unfunded \$ **0**

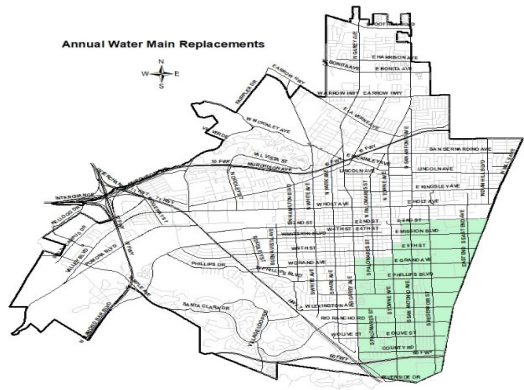
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Series "AY" Bond Proceeds	N	181,605	-	-				
Series "BE/BF (AY)" Bond Proceeds	N	54,041	96,379	-				
Water Fund	N	24,052	1,193,148	-				
Total		259,698	1,289,527	-	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Canon Waterline Rehabilitation**

Project Description: The Canon waterline conveys the City's local surface water from the San Antonio and Evey Canyons intake structures to the Pedley Filtration Plant for raw surface water treatment. This project consists of the inspection, assessment, and rehabilitation of piping, and associated appurtenances. This effort will help reduce leaks and effectively optimize raw water capture and conveyance for potable water treatment and production. Rehabilitation methods can include cured-in-place pipe (CIPP) installations, pipe jacking, and/or removal and replacement of piping and associated infrastructure.

Project Number:
528-2590-XXXX-95086

Department / Division
Water Resources

Project Manager
Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2023-24 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **300,000** Total Funded \$ **300,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

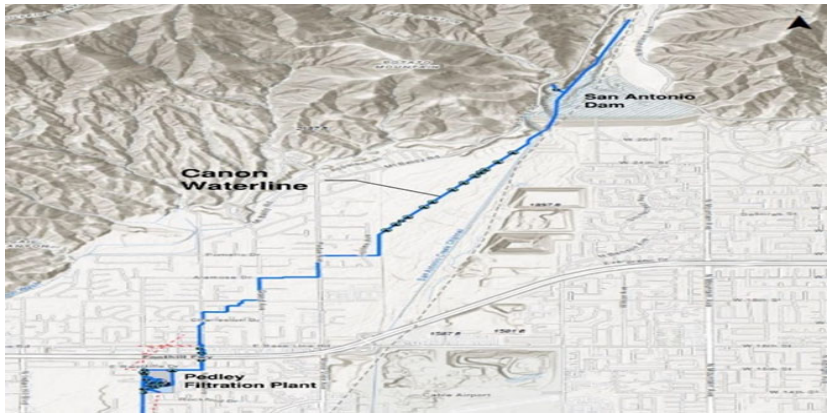
Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	2,481	297,519	-				
Total		2,481	297,519	-	-	-	-	-

Pending

Unfunded

Project Location



Capital Improvement Program Project Details

Project Title: **Electrical Improvements and Upgrades Phase I**

Project Description: This category of projects covers electrical upgrades at various treatment and pumping facilities that will be selected in the fiscal year the funds are budgeted. Additionally, when electrical failures occur and require repair, this project description will be updated and returned to Council for approval. As sites are determined to require improvements, and are ready for design and construction, staff will present to Council for approval.
 In FY 24-25, staff will work on a design-build project to update selected electrical equipment at Anion Exchange Plant (AEP), Booster Pump Station No. 2 (B-2), Well No. 6, Booster Pump Station No. 8 (B-8), and Booster Pump Station No. 12 (B-12).
 (Project name changed in FY 21-22)
 (Project title & description changed in FY 24-25)

Project Number: 528-2590-XXXX-95083
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2020-21 Yr Amended: 2024-25 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **3,000,000** Total Funded \$ **3,000,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	-	1,000,000	2,000,000				
Total		-	1,000,000	2,000,000	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Pedley Filtration Plant Upgrades**

Project Description: The City's local surface water facilities include the existing Pedley Filtration Plant, originally constructed and permitted in 1962 and with a current capacity of up to 4 million gallons per day. The plant treats surface water from the Canon waterline connecting the San Antonio and Evey Canyons to meet the City's potable water demands. This project provides for the removal and replacement of the fouled porous plate, filter backwash carriages, filters, programmable logic controllers, panels, and associated appurtenances to improve overall automation, filtration and treatment performance. These upgrades are crucial for ensuring operational efficiency, regulatory compliance, and long-term sustainability of the treatment plant, while minimizing downtime and optimizing resource utilization.

Project Number: 528-2590-XXXX-95088
Department / Division Water Resources
Project Manager Chris Diggs

Council District: -1 -2 -3 -4 -5 -6 Citywide Outside City limits

Project Statistics: Origination Yr: 2023-24 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **600,000** Total Funded \$ **600,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	-	-	600,000				
Total		-	-	600,000	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Pipeline Replacement Phase I**

Project Description: Annually staff evaluates the City's pipelines and makes a determination of how much and which pipelines need replacement. The budgeted amount for this year's pipeline replacements is based available funding and the need for other Water system replacements. Staff assumes a savings of 15 leaks per year will be eliminated at a cost of \$5000 per leak will be saved as a result of the pipeline replacements.

(Project name changed in FY 21-22)

Project Number: 528-2590-XXXXX-95084
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2020-21 Yr Amended: 2021-22 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **1,500,000** Total Funded \$ **1,500,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ (75,000) Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	448,053	1,051,947	-				
Total		448,053	1,051,947	-	-	-	-	-
Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Recycled Water – Infrastructure Rehabilitation**

Project Description: This project will include rehabilitation of the following infrastructures: Well 19, Well 31, and recycled water reservoir infrastructure maintenance. This includes all materials, improvements, and work to support this project.

(Project name changed FY 20-21)
(Description changed FY 23-24)

Project Number:
428-2590-XXXXX-95080

Department / Division
Water Resources

Project Manager
Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2017-18 Yr Amended: 2023-24 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **250,000** Total Funded \$ **250,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ _____ - Incr/Decr Charged to Fund # 574

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	173,989	76,011	-				
Total		173,989	76,011	-	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Reservoir Assessment and Rehabilitation Design – Various Locations**

Project Description: This Project will fund a full assessment of four (4) reservoirs to determine extent of the rehabilitation work needed and to develop a Design-Build Request for Proposals to implement the rehabilitation work. Inspection and assessment will be performed on water reservoirs 2C, 5A, 6 and 9.

Project Number: 428-2590-XXXXX-95081
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2017-18 Yr Amended: 2021-22 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **450,000** Total Funded \$ **450,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Series "BE/BF" Bond Proceeds	N	-	300,000	-				
Water Fund	N	68,853	81,147	-				
				-				
Total		68,853	381,147	-	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Reservoir/Treatment/Production Rehabilitation**

Project Description: Throughout the year facilities are identified as needing rehabilitation. This infrastructure includes reservoirs, which may need minor repairs to a major rehabilitation including patching, coating, inlet/outlet replacements, and roof patching and replacements. Production rehabilitations can include well rehabilitations, well pump and booster rehabilitations and associated piping replacements. Treatment rehabilitations can include rehabilitations of SCADA equipment, monitoring equipment, and vessel coatings.

PREP TO CLOSE

Project Number: 428-2590-XXXXX-95082
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2019-20 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **4,274,000** Total Funded \$ **4,274,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	261,304	4,012,696	-				
Total		261,304	4,012,696	-	-	-	-	-

Pending								
Unfunded								

Project Location

Project locations are identified during the fiscal year to best allocate resources with the utilities' demands.

Capital Improvement Program Project Details

Project Title: **Water Facilities - Site Improvements and Upgrades**

Project Description: This project includes site improvements at various water treatment and production facilities. Specific facilities will be targeted based on maintenance and operational prioritization criteria. These site improvements include, but are not limited to, hardware, associated software, programming tools, mechanical and electrical components, site monitoring, and infrastructure protection.
 In FY 24-25, the Reservoir 5 site at 460 E. La Verne Avenue requires several improvements. These improvements include the replacement of Booster Pump Station No. 2 along with the associated structures. These structures include an above-grade facility, new pumps, electrical equipment, instrumentation, valves, piping, and all associated appurtenances supporting this project. Additional electrical transformer and service repairs are required.

Project Number: 528-2590-XXXXX-95090
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2024-25 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **3,000,000** Total Funded \$ **3,000,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	-	-	3,000,000				
Total		-	-	3,000,000	-	-	-	-
Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: ***Water Facilities - Water Resources Building Site and Street Improvements***

Project Description: This project will include site improvements and street improvements directly connected with the New Water Resources Building.
 Site improvements: These improvements will include but not be limited to site perimeter fence, block wall, gates, site security monitoring, and site access improvements, miscellaneous hardscape and landscape.
 Street improvements: Construction includes but is not limited to pavement, overlay, striping, signage, curb ramps, sidewalks, traffic devices, stormwater devices, utility boxes adjustment to grade, survey and environmental sampling monuments/hardware preservation and adjustment to grade, and adjusting all existing valves, manholes, and any associated hardware to grade on Huntington Street, Commercial Street, and Hamilton Boulevard.

Project Number:
528-2590-XXXXX-95089

Department / Division
Water Resources

Project Manager
Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2024-25 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **1,800,000** Total Funded \$ **1,800,000** Total Unfunded \$ **0**

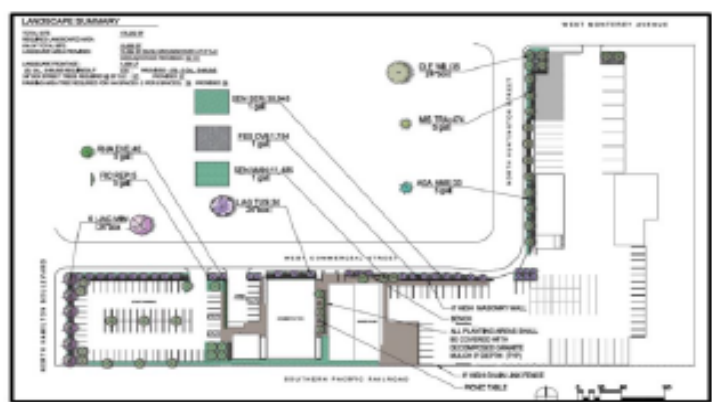
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	-	-	900,000				
Sewer Fund	N	-	-	900,000				
Total		-	-	1,800,000	-	-	-	-

Pending					
Unfunded					

Project Location



Capital Improvement Program Project Details

Project Title: **Water Main Replacements - Design**

Project Description: This project will provide for the design of the following mainline pipe segments:
 St. Paul Street between Holt Avenue and Kingsley Avenue (approx. 1,400 ft. of 8-inch pipe)
 Bonnie Brae Street between American Avenue to San Bernardino Avenue (approx. 1,300 ft. of 8" pipe)
 Elaine Street between Bonnie Brae Street and Mills Avenue (approx. 2,000 ft. of 8-inch pipe)
 Russell Place between Bonnie Brae Street and Mills Avenue (approx. 1,900 ft. of 8-inch pipe)
 James Place between Bonnie Brae Street and Mills Avenue (approx. 1,800 ft. of 8-inch pipe)
 College Avenue between San Bernardino Avenue and American Avenue (approx. 1,300 ft. of 8-inch pipe).

(Project title changed in FY 19-20)
 (Description changed in FY 21-22 and FY 22-23)

Project Number:
428-2590-XXXXX-95079

Department / Division
Water Resources

Project Manager
Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2016-17 Yr Amended: 2022-23 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **400,000** Total Funded \$ **400,000** Total Unfunded \$ **0**

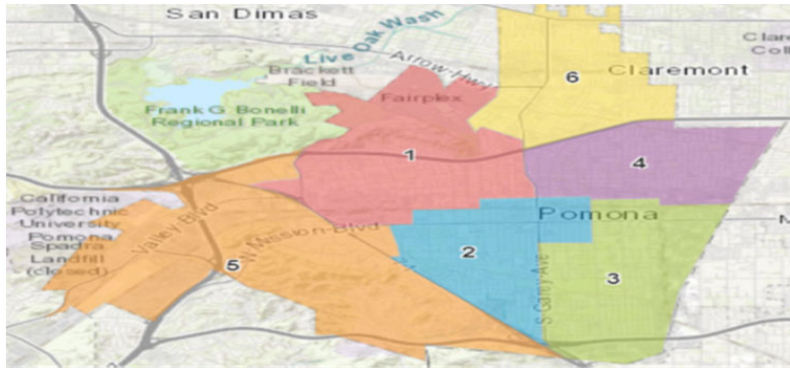
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	53,625	346,375	-				
Total		53,625	346,375	-	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Water Mains - Ellen Place**

Project Description: The 2005 Water Master Plan identified the need to replace 478 feet of 6" water main in Ellen Place from Marquette Avenue to Reservoir Street.

Project Number: 595-8125-XXXXX-95029
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2007-08 Yr Amended: 2022-23 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **407,247** Total Funded \$ **407,247** Total Unfunded \$ **0**

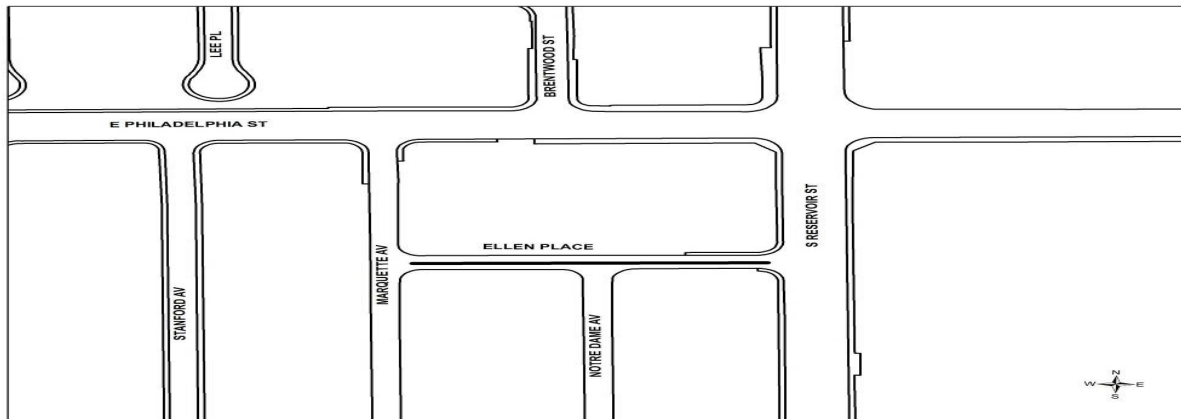
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Series "AY" Bond Proceeds	N	7,247	-	-				
Water Fund	N	39,419	360,581	-				
Total		46,666	360,581	-	-	-	-	-

Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Water Reservoir Rehabilitation**

Project Description: This project includes the rehabilitation and repair for reservoir structures, associated hardware, painting, coating, cathodic protection, patching, software, access assemblies, and associated appurtenances. Construction includes, but is not limited to all surfaces, finishes, painting, coating, and associated devices/hardware.

Project Number: 528-2590-XXXX-95091
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2024-25 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **700,000** Total Funded \$ **700,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	-	-	700,000				
Total		-	-	700,000	-	-	-	-
Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Water Treatment - Volatile Organic Compound Treatment Plant**

Project Description: Within the City of Pomona, there exists a portion of the adjudicated Chino Groundwater Basin area. There are multiple existing City owned and maintained groundwater production wells within the Chino basin. The groundwater well water quality is regulated by the State of California Water Resources Control Board (WRCB). Based upon recent groundwater quality field sampling reports, there are some well sites with elevated volatile organic compound (VOC) concentrations. VOC treatment plant infrastructure is required to address elevated VOC concentrations and comply with the WRCB regulations. These VOC plant improvements will support water supply from the Chino Basin groundwater wells. Well production sites 10 and 34 require VOC treatment improvements. This project will be used to assess, improve, design, and construct applicable VOC treatment plant infrastructure. This project includes all materials, site/infrastructure improvements, studies, and work to support compliance with these groundwater well production quality WRCB regulations.

Project Number: 528-2590-XXXXX-95087
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2023-24 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **2,500,000** Total Funded \$ **2,500,000** Total Unfunded \$ **0**

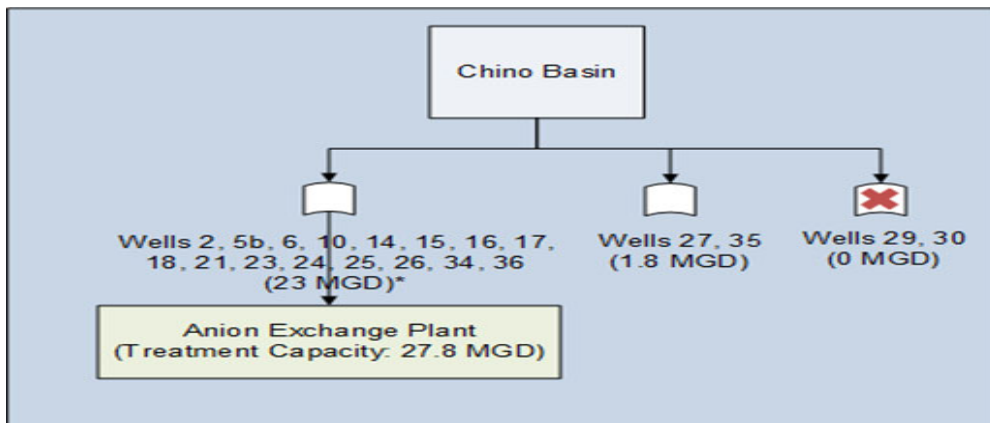
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ 530,000 Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Water Fund	N	-	2,500,000	-				
Total		-	2,500,000	-	-	-	-	-

Pending								
Unfunded								

Project Location



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Partially Funded Projects

No projects in this section

Unfunded Projects

No projects in this section