
Water Projects



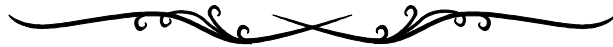
Five Year Capital Improvement Program

	Page #	Expended as of 2/28/19	Remaining Budget	Adopted 2019/20
Water				
~ Funded Projects ~				
Annual Water Main Replacements	1	196,086	1,585,519	-
Groundwater Well - Evaluation and Rehabilitation	2	987,796	362,204	-
Reservoir Assessment and Rehabilitation Design-Various Locations	3	45,902	104,098	-
Reservoir/Treatment/Production Rehabilitation	4	-	-	4,274,000
Six Basins - Groundwater Optimization	5	467,338	7,662	-
Treatment - Chino Basin Groundwater VOC Plant	6	2,144,208	43,692	-
Water Main Replacements - Design	7	1,361	398,639	-
Water Mains - Ellen Place	8	23,449	283,798	-
Water Master Plan (2016)	9	789,819	122,681	-
Subtotals:		4,655,959	2,908,293	4,274,000
~ Partially Funded Projects ~				
Recycled Water - System Expansion Design	10	1,458	148,542	-
Subtotals:		1,458	148,542	-
Water Category Totals:		4,657,417	3,056,835	4,274,000

Plan 2020/21	Plan 2021/22	Plan 2022/23	Plan Beyond 2023	Total Project Cost	Impact to Future Operating	Project Number
-	-	-	-	1,781,605	Minimal	95022
-	-	-	-	1,350,000	(200,000)	95068
-	-	-	-	150,000	Minimal	95081
-	-	-	-	4,274,000	Minimal	95082
-	-	-	-	475,000	Minimal	95073
-	-	-	-	2,187,900	Minimal	83020
-	-	-	-	400,000	Minimal	95079
-	-	-	-	307,247	Minimal	95029
-	-	-	-	912,500	Minimal	95074
-	-	-	-	11,838,252		
350,000	-	-	-	500,000	Minimal	95080
350,000	-	-	-	500,000		
350,000	-	-	-	12,338,252		



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Funded Projects



Capital Improvement Program Project Details

Project Title: **Annual Water Main Replacements**

Project Description: The 2005 Water Master Plan identified the need to replace 11,466 feet of 6" and 8" water mains in Titus Avenue, Virginia Avenue, Kathryn Avenue, Ann Arbor Avenue, Stanford Avenue, Notre Dame from Hunt Avenue to Olive Street, Olive Street to County Road and Philadelphia Street to County Road for fire flow improvement.

(Project title changed in FY 19-20)

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: 2019-20 Changes from Prior Year: No Yes

Financial Requirements:

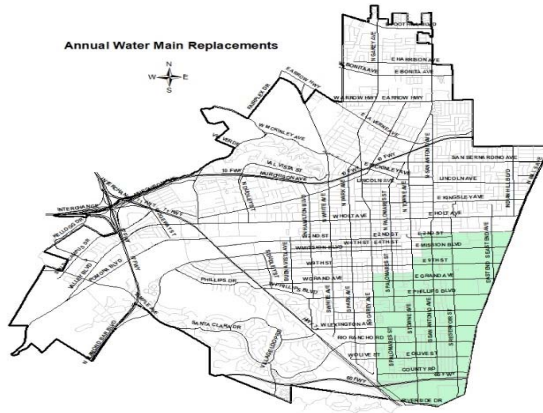
Funding Summary Total Proj Cost \$ **1,781,605** Total Funded \$ **1,781,605** Total Unfunded \$ **0**

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 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Series "AY" Bonds	N	181,605	-	-				
Water Fund	N	14,481	1,585,519	-				
Total		196,086	1,585,519	-	-	-	-	-
Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Groundwater Well - Evaluation and Rehabilitation**

Project Description: This project consists of video logging of ground water wells and visual inspection of the pumping equipment to identify potential problems with the casing, shafts, and pumping equipment of designated wells. The evaluation will be used to determine the physical condition of the wells including casing breaks, clogged perforations or other issues that would justify rehabilitation, redevelopment or replacement. Initial funds will cover evaluation and possible rehabilitation of Wells 7, 15, 26, 35, 37.

(Description changed FY16-17)

Project Number: 595-8125-XXXX-95068
Department Water Resources
Project Manager Chris Diggs

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

Project Statistics: Origination Yr: 2010-11 Yr Amended: 2016-17 Changes from Prior Year: No Yes

Financial Requirements:

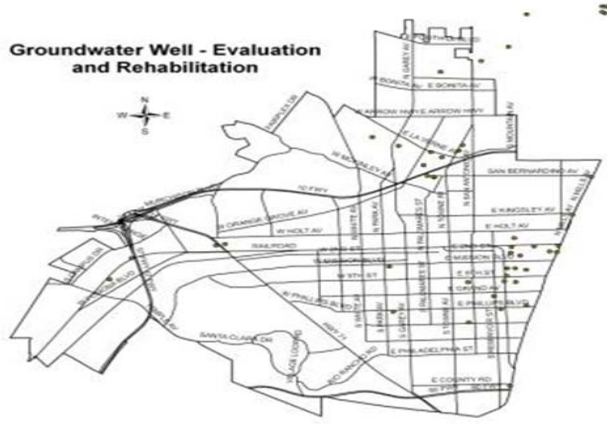
Funding Summary Total Proj Cost \$ **1,350,000** Total Funded \$ **1,350,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ **(200,000)** Incr/Decr Charged to Fund # **571**

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Series "AY" Bonds	N	822,270	-	-				
Series "BE/BF" Bonds (Formerly Series "AY")	N	165,526	362,204	-				
Total		987,796	362,204	-	-	-	-	-
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: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **150,000** Total Funded \$ **150,000** 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 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Water Fund	N	45,902	104,098	-				
Total		45,902	104,098	-	-	-	-	-
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.

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 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Water Fund	N	-	-	4,274,000				
Total		-	-	4,274,000	-	-	-	-
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: **Six Basins - Groundwater Optimization**

Project Description: This project provides for the study and preliminary design for Volatile Organic Compound (VOC) and Nitrate removal in the Six Basins. The study will determine the optimal treatment strategy, treatment technology and implementation timeline. The treatment plant will be designed and operated to maximize groundwater production in Six Basins to meet EPA's proposed lower VOC Maximum Contaminant Levels (MCLs). The project will also explore conjunctive use options in Six Basins, including a new Three Valleys Municipal Water District (TVMWD) connection, additional groundwater production capacity and upgrade of Pedley Surface Water Treatment Plant. Facilities which will support conjunctive use options will be identified and constructed.

(Description changed FY 14-15)

Project Number:
595-8125-XXXX-95073

Department
Water Resources

Project Manager
Chris Diggs

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

Project Statistics: Origination Yr: 2013-14 Yr Amended: 2017-18 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **475,000** Total Funded \$ **475,000** Total Unfunded \$ **0**

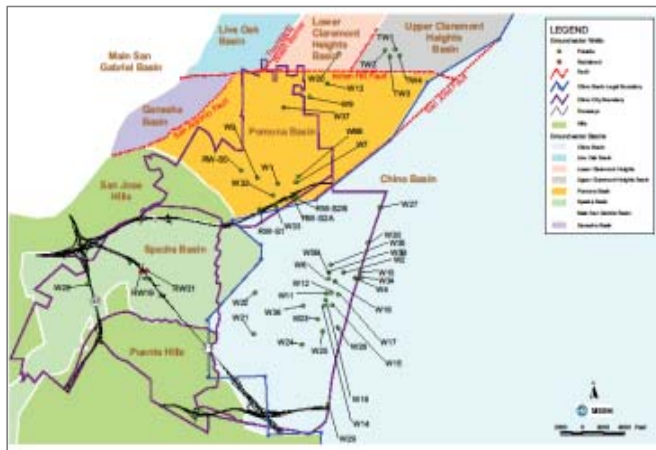
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 571

Funding Allocation

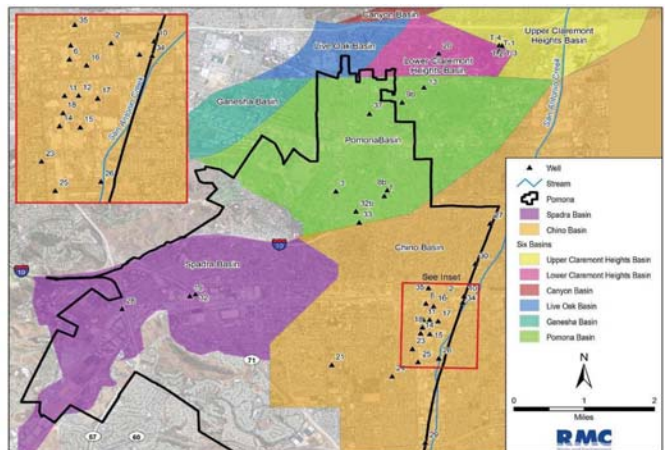
Funding Source(s)	Restr Fund	YTD Costs as of 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Series "AY" Bonds	N	87,384	-	-				
Series "BE/BF" Bonds (Formerly Series "AY")	N	357,616	-	-				
Water Fund	N	22,338	7,662	-				
Total		467,338	7,662	-	-	-	-	-

Pending Unfunded

Project Location



Project Area



Capital Improvement Program Project Details

Project Title: **Treatment - Chino Basin Groundwater VOC Plant**

Project Description: The project consists of the evaluation of the City's resource: groundwater rights, treatment and production facilities to develop a long term strategy to effectively optimize Chino Basin groundwater production. This project will determine the optimal treatment strategy, treatment technology and implementation timeline. The project will build upon the information and data gathered and the best available technology available. Facilities that will support conjunctive use options will be identified and constructed. Staff will seek outside funding from federal, state and local entities for newly identified facilities.

(Description changed FY 15-16)

Project Number: 422-8125-XXXXX-83020
Department Water Resources
Project Manager Chris Diggs

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

Project Statistics: Origination Yr: 2006-07 Yr Amended: 2017-18 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **2,187,900** Total Funded \$ **2,187,900** 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 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Series "AN" Bonds	N	50,000	-	-				
Series "AY" Bonds	N	889,871	-	-				
Series "BE/BF" Bonds (Formerly Series "AY")	N	1,128,029	-	-				
Water Fund	N	76,308	43,692	-				
Total		2,144,208	43,692	-	-	-	-	-
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:
 McKinley between Bonnie Brea St and Baldy View Ave (approx. 1,100 ft. of 8-inch pipe)
 Baldy View Ave between McKinley and San Bernardino Ave (approx. 1,100 ft. of 8-inch pipe)
 Darby Ave between McKinley and Fellows Pl (approx. 1,000 ft. of 8-inch pipe)
 College Ave between Darby Ave and Fellows Pl (approx. 900 ft. of 8-inch pipe)
 Carol Dr between McKinley and Fellows Pl (approx. 900 ft. of 8-inch pipe)
 Fellows Pl between Bonnie Brea St and Mills Ave (approx. 950 ft. of 8-inch pipe)
 San Bernardino Ave between Bonnie Brea St and Baldy View Ave (approx. 1,500 ft. of 8-inch pipe)
 St. Paul Street between Holt Ave and Kingsley (approx. 1,500 ft. of 8-inch pipe)
 Elaine St between Bonnie Brae and Mills Ave (approx. 2,000 ft. of 8-inch pipe)
 Russell Place between Bonnie Brea St and Mills Ave (approx. 1,900 ft. of 8-inch pipe)
 James Place between Bonnie Brea St and Mills Ave (approx. 1,800 ft. of 8-inch pipe)
 Bonnie Brea St between San Bernardino Ave and American Ave (approx. 1,350 ft. of 8-inch pipe)
 College Ave between San Bernardino Ave and American Ave (approx. 1,350 ft. of 8-inch pipe)
 (Description changed FY 18-19) (Project title changed in FY 19-20)

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: 2019-20 Changes from Prior Year: No Yes

Financial Requirements:

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

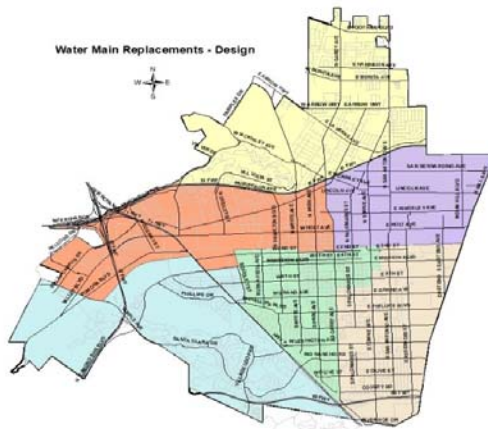
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Water Fund	N	1,361	398,639	-				
Total		1,361	398,639	-	-	-	-	-

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-XXXX-95029
Department / Division Water/Wastewater
Project Manager Chris Diggs

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

Project Statistics: Origination Yr: 2007-08 Yr Amended: 2017-18 Changes from Prior Year: No Yes

Financial Requirements:

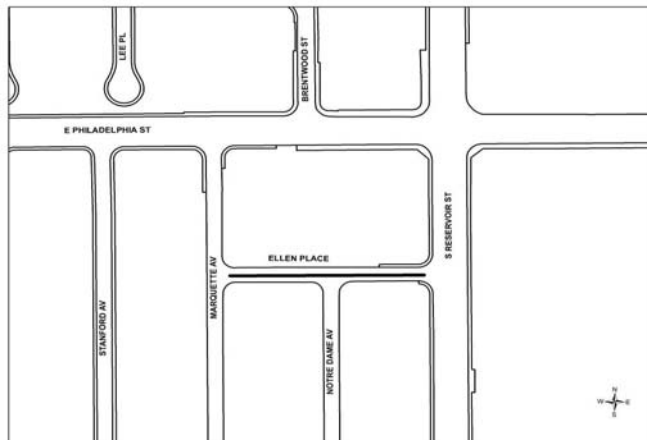
Funding Summary Total Proj Cost \$ **307,247** Total Funded \$ **307,247** Total Unfunded \$ **0**

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 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Series "AY" Bonds	N	7,247	-	-				
Water Fund	N	16,202	283,798	-				
Total		23,449	283,798	-	-	-	-	-
Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Water Master Plan (2016)**

Project Description: This Project will provide the City with an evaluation of its existing water system, an evaluation of the future system requirements through 2035: development of water supply strategies to meet the future system needs, and an asset management strategy for production and treatment facilities to meet the appropriate level of service. The project will fully incorporate the City's existing GIS and SCADA systems with its future CMMS to create an interactive tool that will be used to reduce life cycle cost, prioritize maintenance activities and focus capital investments. The City's previous Water Master Plan was completed in 2005 and requires revision to reflect subsequent development and sewer improvements. Hardware and Software will be purchased for the integration of the City's geographic information, hydraulic modeling, meter reading and work order management platforms.
(Description changed FY 14-15)

Project Number: 595-8125-XXXXX-95074
Department Water Resources
Project Manager Chris Diggs

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

Project Statistics: Origination Yr: 2013-14 Yr Amended: 2016-17 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **912,500** Total Funded \$ **912,500** Total Unfunded \$ **0**

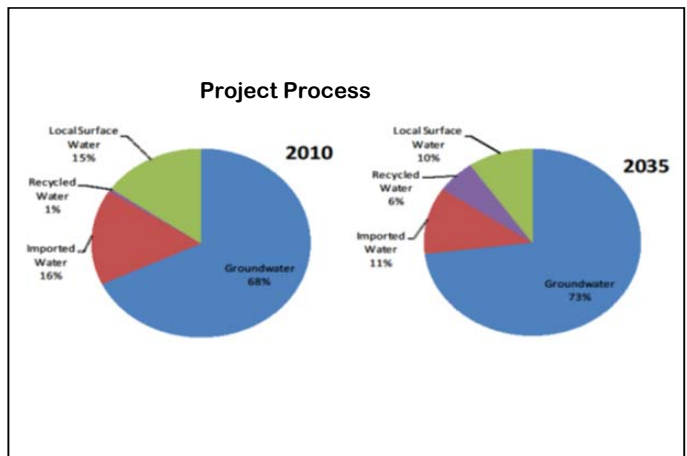
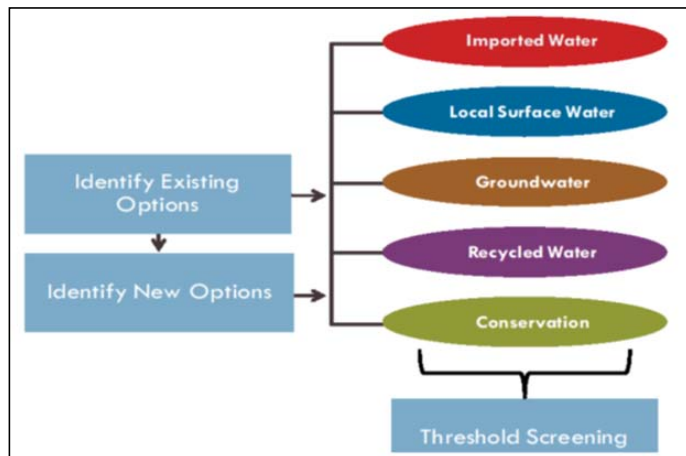
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ _____ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Series "AN" Bonds	N	10,302	-	-				
Series "AY" Bonds	N	167,042	-	-				
Series "BC" Bonds (Formerly Series "AN")	N	50,233	-	-				
Series "BE/BF" Bonds (Formerly Series "AY")	N	562,242	122,681	-				
Total		789,819	122,681	-	-	-	-	-

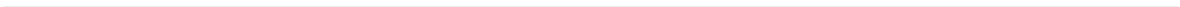
Pending							
Unfunded							

Project Process





Partially Funded Projects



Capital Improvement Program Project Details

Project Title: **Recycled Water – System Expansion Design**

Project Description: The Recycled Water – System Expansion Design project will include assessment and design portion of the following infrastructure:
 Bonelli Park – Pump stations, pipes, hydrants, valves, and associated appurtenances
 Fairplex – Commitment to cost sharing, real estate for infrastructure and basins
 Cal Poly Pomona – Ridgeway makeup tank, existing meter and associated appurtenances, shared use of Lanterman site for recharge
 City of Pomona – Recycled water infrastructure, abandoned water mains available for casing purposes, installation of recycled water filling station at 2nd St. reservoir site
 Sanitation Districts of Los Angeles County - City of Pomona Water Reclamation Plant (PWRP) infrastructure (pumps, pipes, valves, meters, wet well), expansion of system at PWRP

Project Number:
428-2590-XXXXX-95080

Department / Division
Water Resources

Project Manager
Nichole Horton

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

Project Statistics: Origination Yr: 2017-18 Yr Amended: N/A Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **500,000** Total Funded \$ **150,000** Total Unfunded \$ **350,000**

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 2/28/19	Remaining Budget	Fiscal 2019-20	Plan 2020-21	Plan 2021-22	Plan 2022-23	Plan Beyond 2023
Water Fund	N	1,458	148,542	-				
Total		1,458	148,542	-	-	-	-	-
Pending Unfunded					350,000			

Project Location





Unfunded Projects





No Projects
In This Section

