

CAPITAL IMPROVEMENT PLAN - WATER

96040 - Cach Reservoir and Pump Station Design

Project Need: In conjunction with the development of the River Terrace Planning Area and to address storage and pumping deficiencies identified in the River Terrace Updated Water Master Plan, system improvements are required.

Project Description: The project is for the design of a new water reservoir, associated new water lines and replacement of a temporary pump station for the city's 550-foot service area. The reservoir will be constructed on city property located on the west side of Bull Mountain in the Sunrise Lane vicinity. A new permanent pump station will replace an existing temporary pump station on the Menlor Reservoir site to move water from the 410-foot to the 550-foot service areas. This project is proposed to be moved forward to meet demand from new development in River Terrace.

Project Results: The project will provide additional storage and pumping facilities to address system deficiencies and development demands.

Operations and Maintenance Impact: Significant increase in operation and maintenance for new reservoir and pump station.

Total Project Cost: \$23,483,500

	Actual through 2019	Projected 2020	2021	2022	2023	2024	2025	2026	Project Total
EXPENSES									
Internal Expenses									
Project Management	18,000	30,000	400,000	400,000	200,000	0	0	0	1,048,000
Total Internal	18,000	30,000	400,000	400,000	200,000	0	0	0	1,048,000
External Expenses									
Design and Engineering	0	100,000	1,700,000	1,345,000	590,000	0	0	0	3,735,000
Construction	0	0	1,500,000	10,140,000	3,106,000	0	0	0	14,746,000
Environmental Permit Compliance	0	0	0	0	4,500	0	0	0	4,500
Contingency	0	0	1,550,000	1,500,000	900,000	0	0	0	3,950,000
Total External	0	100,000	4,750,000	12,985,000	4,600,500	0	0	0	22,435,500
Total Project Expense	18,000	130,000	5,150,000	13,385,000	4,800,500	0	0	0	23,483,500
REVENUES									
Revenue Funding Source									
530-Water Fund	16,000	100,000	4,120,000	10,710,000	3,840,000	0	0	0	18,786,000
531-Water SDC Fund	2,000	30,000	1,030,000	2,675,000	960,500	0	0	0	4,697,500
Total Revenue Funding	18,000	130,000	5,150,000	13,385,000	4,800,500	0	0	0	23,483,500
Total Revenues	18,000	130,000	5,150,000	13,385,000	4,800,500	0	0	0	23,483,500