

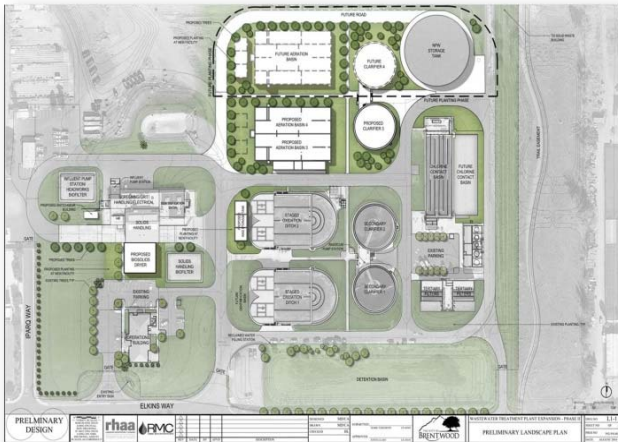
Project Title:

*** MULTI-YEAR ***

Project #:

Wastewater Treatment Plant Expansion - Phase II

592-59140



Project Category:	Wastewater Improvements
Location:	Existing Wastewater Treatment Plant site, east of Marsh Creek and north of Sunset Road
Project Manager:	A. Baquilar
Project Priority:	1A - Mandatory
Est. Completion Date:	2024/25
Future Annual O & M Impact:	\$600,000
Public Art Requirement:	Exempt
General Plan Policy:	IF 1-1, IF 1-3, IF 3-1

Description/Justification:

The existing 5 MGD tertiary treatment facility was planned and constructed to accommodate future expansions, of up to 10 MGD. The original facility was designed based on 100 GPD per capita flow but the average flow in the last several years has been 69 GPD per capita. The Phase II Expansion is designed to treat 6.4 MGD flow based on 69 GPD per capita, which will service the final buildout population of the City per the current General Plan. The project includes the addition of one diffused air oxidation basin, retrofit of existing oxidation ditches to diffused air, secondary clarifiers, converting chlorine contact facilities to free chlorine disinfection, solids dryer and pyrolysis system, Electrical Distribution System Upgrade and all related appurtenances. This project is necessary to keep the City in compliance with more stringent discharge requirements. The expansion will also accommodate the planned and approved development within the City.

Project Status:

The construction phase is under way and completion is anticipated for FY 2024/25.

Supplemental Information:

Funding is comprised of a deposit refund, Wastewater Development Impact Fees, Wastewater Enterprise Funds (\$7,151,246), Wastewater Replacement Funds (\$6,962,200) and an SRF loan of \$61,246,000 which reflects principal forgiveness of \$3,856,000 provided by a federal capitalization grant. The SRF loan is financed over a 30-year period with the debt service payment provided by the Wastewater Enterprise Fund and Wastewater Development Impact Fees. The Biosolids Drying and Pyrolysis System portion of the project is funded as follows: Wastewater Replacement (\$6,962,200), Wastewater Enterprise (\$6,221,246) and Wastewater Development Impact Fees (\$12,334,221). The Future Annual O & M Impact estimates the total operating and maintenance costs associated with this new facility, including personnel, supplies, utilities, building maintenance, administration, etc. The project was included in the City's Strategic Plan for FY 2016/17 - FY 2017/18.

PROJECT FINANCING		CURRENT		PROPOSED			TOTAL	
PROJECT EXPENDITURES		Prior	2023/24	2024/25	2025/26	2026/27	2027/28	TOTAL
70239	Legal	35,000	100,000					\$ 135,000
90040	Planning and Design	6,000,000	1,500,000	500,000				\$ 8,000,000
90050	Construction	35,000,000	30,000,000	10,000,000				\$ 75,000,000
90070	Project Administration	4,500,000	4,000,000	2,000,000				\$ 10,500,000
TOTAL		\$ 45,535,000	\$ 35,600,000	\$ 12,500,000				\$ 93,635,000
PROJECT FUNDING		Prior	2023/24	2024/25	2025/26	2026/27	2027/28	TOTAL
47255	Development Impact Fees	14,404,221						\$ 14,404,221
47 - Var	Enterprise	14,113,446						\$ 14,113,446
44475	Federal/State/Agency	53,676,000	10,100,000	1,326,000				\$ 65,102,000
	Other	15,333						\$ 15,333
TOTAL		\$ 82,209,000	\$ 10,100,000	\$ 1,326,000				\$ 93,635,000