

GCSD CAPITAL IMPROVEMENT PROJECTS 2018-2025

MAJOR WATER CAPITAL PROJECTS				
Project Name	Grant Award	Match/Loan	Project Description	Customer Benefits
Downtown Groveland/Big Oak Flat Water System Replacement Preliminary Engineering	\$400,000	\$0	<ul style="list-style-type: none"> Inspection and condition assessment of the Water distribution system Identify highest priority upgrade/replacement projects to advance into a state construction grant application process. 	Identifies water system deficiencies and prioritizes improvements to increase system reliability, fire flow, water quality and reduce maintenance costs
Big Creek/2G Clearwell Renovation Project	\$3,954,200	\$0	<ul style="list-style-type: none"> Replace deteriorated tank structural steel at 2 main water tanks Sandblast and recoat the tanks with a long term epoxy coating Replace and Upgrade the Butler Way Booster Pump 	Improved water quality from both WTP, reduce operating cost and maintenance, extended life of the tanks by an additional 30-50 years, reduced cost to customers since 100% grant
Drought Resilience Water System Improvements	\$8,545,000	\$0	<ul style="list-style-type: none"> New water tank and pipeline to Big Oak Flat New groundwater well to supply Big Oak Flat Relocate the Alternate Water System treatment plant to GCSD property (emergency water supply) 	Provide water supply security even in worst case scenario drought, improve water quality and reduce maintenance expense, provide water flow to Big Oak Flat so fire hydrants meet standard
CDBG Water System Improvements	\$3,200,000	\$0	Replaces 8000 feet of undersized, old, failing and poorly constructed water main pipeline between Groveland and Big Oak Flat, installed fire hydrants	Water system reliability, predictable pressures, improved water quality and fireflow in fire hydrants
Emergency Generator Replacement Project	\$350,000	\$0	Replace and update backup generators at booster pump locations and Big Creek Water Treatment Plant	Increased water system and treatment reliability and reduced operating cost, reliable firefighting capacity in power outages
	\$16,499,200	\$0		

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MAJOR SEWER CAPITAL PROJECTS				
Sewer System Condition Assessment	\$400,000	\$0	<ul style="list-style-type: none"> • Inspection and condition assessment of the sewer collection system • Prioritize upgrade/replacement projects • Prepare a state construction grant application 	Condition assessment resulted in \$5.8 million grant/loan funding to complete upgrades to reduce odors, reduce overflow/backup potential, reduce maintenance costs
Groveland/Big Oak Flat Sewer Collection System Replacement Project	\$4,384,176	\$1,461,392	<ul style="list-style-type: none"> • Fix the deficiencies in the sewer collection system • Replaced approximately 5,000 linear feet of sewer pipes, construct manholes, and perform spot repairs to its existing sewer system • Epoxy coated manholes and lift station concrete vaults 	Reduced odor production, improved operating efficiency and cleaning capabilities, reduced potential for SSO and associated fines, reduced cost to customers with 75% grant funding.
Emergency Generator Replacement Project	\$350,000	\$0	<ul style="list-style-type: none"> • Replace failing lift station generators • Replace wastewater treatment plant generator 	Reduced cost to customers since state paid the cost of replacing old, worn-out equipment; increased system reliability and lower emissions production
Water Fill Station 2023 (TSIRWMA)	\$150,000	\$0	<ul style="list-style-type: none"> • Installation of a Water Fill Station to improve the drinking water for those who lose their water source/groundwater source • Fill water trucks from an overhead fill 	Those experiencing failing wells can purchase water in bulk at GCSD yard. Water trucks can fill efficiently for firefighting and construction, without damage to or use of fire hydrants
Fire Fuel Breaks	\$571,000	\$0	<ul style="list-style-type: none"> • Complete a shaded fire fuel break on all GCSD tank sites and administrative office/Wastewater Plant 	Protection of communities from wildfire, protection of critical water and sewer infrastructure
	\$5,855,176	\$1,461,392		