

G Fund Water Purification Projects

Septage and FOG Receiving Station

Project Number: G2201

Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

2023-2027 push out start date.

2024-2028 Increase costs and extend project term.

Project to include the study, design and construction of a new septage and Fats, Oils and Grease (FOG) receiving stations. Study will evaluate alternatives for both the septage receiving station and the FOG receiving station. For the FOG system, a brown grease separation process that can produce a biodiesel feed stock will be evaluated against directly injected the grease into the sludge incinerators.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			0.200	3.800	4.300				8.300
Appropriations				0.200					0.200
State Reimbursement									-
Federal Reimbursement				(3.500)					(3.500)
Other									-
Total County Cost		-	0.200	0.500	4.300	-	-	-	5.000

Sludge Processing Improvements

Project Number: G2203

Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

2023-2027 push out start date and increase project costs.

2024-2028 push out start date and increase project costs.

Project to include the study, design and construction of improvements to the existing sludge processing systems. The study will evaluate the option of consolidating both South Plant and North Plant sludge operations to the North Plant. This includes but is not limited to engineering services, a new sludge forcemain and pump system to pump sludge from the South Plant to the North Plant and improvements to the existing North Plant sludge incinerators.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			0.100	7.700	21.800				29.600
Appropriations				0.300					0.300
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	0.100	8.000	21.800	-	-	-	29.900

North and South Plant HVAC

Project Number: G2301

Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

2024-2028 Increase Costs.

Project to include the study, design, and construction of improvement to existing HVAC systems at both the North and South treatment plants. Existing HVAC systems at both facilities are at the end of their useful life.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County				0.150	1.350				1.500
Appropriations									-
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	-	0.150	1.350	-	-	-	1.500

North Plant Treatment Process Improvements

Project Number: G2401
 Project Status: 1 New Existing Amended
 Affiliated Bond Account(s):
 Amendment(s):

Project will include improvements to unit treatment process associated with the North Plant. Phase 1 of the project will include replacement of the mechanical screens, grit system, primary and secondary clarifiers, plant water pumps and upgrades to the high voltage electrical system. Upgrades have been identified in a 2023 Capital Study that is currently being finalized. Grouping projects together will allow the District to maximize the potential for grant opportunities in the coming years.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County				5.000	45.000	20.150			70.150
Appropriations			0.150						0.150
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	0.150	5.000	45.000	20.150	-	-	70.300

South Plant Treatment Process Improvements

Project Number: G2402
 Project Status: 1 New Existing Amended
 Affiliated Bond Account(s):
 Amendment(s):

Project will include improvements to unit treatment process associated with the North Plant. Phase 1 of the project will include replacement of the mechanical screens, grit system, primary and secondary clarifiers, plant water pumps and upgrades to the high voltage electrical system. Upgrades have been identified in a 2023 Capital Study that is currently being finalized. Grouping projects together will allow the District to maximize the potential for grant opportunities in the coming years.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County				3.000	25.000	7.500	4.650		40.150
Appropriations			0.150						0.150
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	0.150	3.000	25.000	7.500	4.650	-	40.300

Water Purification District Capital Plan Summary: All Projects

New Projects: 2
 Existing Projects: 0
 Amended Projects: 3

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		-	0.300	19.650	97.450	27.650	4.650	-	149.700
Appropriations		-	0.300	0.500	-	-	-	-	0.800
State Reimbursement		-	-	-	-	-	-	-	-
Federal Reimbursement		-	-	(3.500)	-	-	-	-	(3.500)
Other		-	-	-	-	-	-	-	-
Total County Cost		-	0.600	16.650	97.450	27.650	4.650	-	147.000