

G Fund Water Purification Capital Projects

North and South Plant HVAC Upgrades

Project Number: G2301

Debt Account: _____

Project Description: 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.

Amendment(s): 2024-2028 - Increase Costs.

Project Status:	<u> </u> New	<u> </u> 1 Existing	<u> </u> Amended	<u> </u> Continual	<u> </u> Completed			
Authorized Funding	Pre-2024	2024	2025	2026	2027	2028	2029	Total
County		0.150	1.350					1.500
State								-
Federal								-
Other								-
Total Project Cost	-	0.150	1.350	-	-	-	-	1.500

North Plant Treatment Process Improvements

Project Number: G2401

Debt Account: _____

Project Description: 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.

Amendment(s): 2025-2029 - cost of project amended to account for EFC fees.

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> 1 Amended	<u> </u> Continual	<u> </u> Completed			
Authorized Funding	Pre-2024	2024	2025	2026	2027	2028	2029	Total
County State Federal Other Approp		0.100	5.000	45.000	19.900	2.294		72.294
								-
								-
	0.150	0.150						0.300
Total Project Cost	0.150	0.250	5.000	45.000	19.900	2.294	-	72.594

South Plant Treatment Process Improvements

Project Number: G2402

Debt Account: _____

Project Description: 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 finalize. Grouping projects together will allow the District to maximize the potential for grant opportunities in the coming years.

Amendment(s): 2025-2029 - cost of project amended to account for administration fees from EFC.

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> 1 Amended	<u> </u> Continual	<u> </u> Completed			
Authorized Funding	Pre-2024	2024	2025	2026	2027	2028	2029	Total
County State Federal Other Approp.			3.000	25.000	7.500	5.392		40.892
								-
								-
		0.150						0.150
Total Project Cost	-	0.150	3.000	25.000	7.500	5.392	-	41.042

G Fund Water Purification Capital Projects

Sludge Processing Improvements

Project Number: G2501

Debt Account: _____

Project Description:

Project to include the study, design and construction of improvements to the existing sludge processing systems. Project will be broken up into phases. Phase 1 work will include improvements to the North Plant incinerators, sludge mixing and dewatering systems. Phase 2 work will include work to consolidate sludge operation to the North Plant via a new sludge forcemain and upgrades to the North Plant incinerator emissions controls. The final scope for Phase 2 emission controls is still being negotiated with DEC. Project has been amended to include the Phase 2 work and the work associated with the Septage and FOG receiving station project. Phase 1, Phase 2 and Septage/FOG receiving work has been consolidated into a single comprehensive project to take advantage EFC funding opportunities, namely the Bipartisan Infrastructure Grant and 0% hardship financing. District will be pursuing additional grants with EFC in 2024.

Amendment(s):

Project Status:	<u>1</u>	New	<u>Existing</u>	<u>Amended</u>	<u>Continual</u>	<u>Completed</u>			
Authorized Funding	Pre-2024	2024	2025	2026	2027	2028	2029	Total	
County		1.000	11.500	20.000	20.000	9.000		61.500	
State								-	
Federal		3.500						3.500	
Other								-	
Total Project Cost	-	4.500	11.500	20.000	20.000	9.000	-	65.000	

Water Purification District Capital Plan Summary: All Projects

Project Status:	<u>1</u> New	<u>1</u> Existing	<u>2</u> Amended	<u>0</u> Continual	<u>0</u> Completed				
Authorized Funding	Pre-2024	2024	2025	2026	2027	2028	2029	Total	
County	-	1.250	20.850	90.000	47.400	16.686	-	176.186	
State	-	-	-	-	-	-	-	-	
Federal	-	3.500	-	-	-	-	-	3.500	
Other	0.150	0.300	-	-	-	-	-	0.450	
Total Project Cost	0.150	5.050	20.850	90.000	47.400	16.686	-	180.136	