

North and South Plant HVAC Upgrades

Project Number:	G2301	Total Estimated Cost:	2.000	Capital Account(s):				
Project Status:	Amended	SEQR Req.	Yes	Yes-Status			No-Type	Type II
Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County	1.500		0.500					2.000
State								0.000
Federal								0.000
Other								0.000
Total	1.500	0.000	0.500	0.000	0.000	0.000	0.000	2.000

Amendment(s): 2024-2028 - Increase Costs.
2027-2031- 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. Project was amended to increase cost from \$1,500,000 to \$ 2,000,000 and adjust schedule.

North Plant Treatment Process Improvements

Project Number:	G2401	Total Estimated Cost:	72.594	Capital Account(s):				
Project Status:	Existing	SEQR Req.	Yes	Yes-Status			No-Type	Type II
Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County	72.594					0.000		72.594
State								0.000
Federal								0.000
Other								0.000
Total	72.594	0.000	0.000	0.000	0.000	0.000	0.000	72.594

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

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. Project costs are estimated to be \$72,594,000 to account for EFC fees that were incorporated into the EFC Intended Use Plan.

South Plant Treatment Process Improvements

Project Number:	G2402	Total Estimated Cost:	41.042	Capital Account(s):				
Project Status:	Existing	SEQR Req.	Yes	Yes-Status			No-Type	Type II
Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County	41.042							41.042
State								0.000
Federal								0.000
Other								0.000
Total	41.042	0.000	0.000	0.000	0.000	0.000	0.000	41.042

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

Project will include improvements to unit treatment process associated with the South Plant. Phase 1 of the project will include replacement of the 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. Project cost is estimated to be \$41,042,000 to incorporate administration fees from EFC that were included on the 2024 Intended Use Plan (IUP).

Sludge Processing Improvements

Project Number:	G2501	Total Estimated Cost:	65.000	Capital Account(s):				
Project Status:	Existing	SEQR Req.	Yes	Yes-Status	Completed	No-Type		
Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County	65.000							65.000
State								0.000
Federal								0.000
Other	(0.100)	(2.400)	(1.000)					(3.500)
Total	64.900	(2.400)	(1.000)	0.000	0.000	0.000	0.000	61.500

Amendment(s): 2026-2030 - amended to change scope of project.

Project to include the study, design and construction of improvements to the existing sludge processing systems. Project will include improvements to the North Plant and South Plant incinerators, sludge mixing, septage/FOG receiving station and sludge thickening and dewatering systems. The District's emission controls are still being negotiated with EPA/DEC and any improvements are anticipated to be completed under a separate project. The District will be financing the project through EFC which includes Bipartisan Infrastructure Grant and 0% hardship financing.

North Plant Odor Control System

Project Number:	G2701	Total Estimated Cost:	2.000	Capital Account(s):				
Project Status:	New	SEQR Req.	Yes	Yes-Status			No-Type	Type II
Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County		0.100		1.900				2.000
State								0.000
Federal								0.000
Other								0.000
Total	0.000	0.100	0.000	1.900	0.000	0.000	0.000	2.000

Project to include the design and installation of an odor control system for the North Plant's sludge holding tanks. Current improvements to the sludge holding tanks mixing system are expected to reduce fugitive odors however should there be a need for additional mitigation measures a dedicated odor control system would provided under this project. It is anticipated that the project would be 100% County funded but the District will be evaluating an option for EFC financing.

North & South Plant Gas Monitoring System

Project Number:	G2702	Total Estimated Cost:	0.750	Capital Account(s):				
Project Status:	New	SEQR Req.	Yes	Yes-Status			No-Type	Type II
Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County			0.200	0.550				0.750
State								0.000
Federal								0.000
Other								0.000
Total	0.000	0.000	0.200	0.550	0.000	0.000	0.000	0.750

Project to include the design and installation of a hazardous gas monitoring and alarming system at various buildings at the North and South Treatment Plants. The monitoring system will be used to detect hazardous gases such as carbon monoxide, hydrogen sulfide and methane and provide alarming. Project will also include the installation of fire alarms in the Administration Building at both plants. The project will be 100% County funded.

Summary of All Water Purification District Projects

Authorized Funding	Pre-2026	2026	2027	2028	2029	2030	2031	Total
County	180.136	0.100	0.700	2.450	0.000	0.000	0.000	183.386
State	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Federal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other	(0.100)	(2.400)	(1.000)	0.000	0.000	0.000	0.000	(3.500)
Total	180.036	(2.300)	(0.300)	2.450	0.000	0.000	0.000	179.886