

HVAC Improvements at the Egan & Kirie Water Reclamation Plants

Project Number	25-730-21
Service Area	North
Location	Egan & Kirie WRP(s)
Engineering Consultant	In-house design
Engineering Contractor	To be determined
Estimated Construction Cost	\$19,600,000
Contract Award Date	December 2025
Substantial Completion Date	December 2028



Project Description	This project entails replacing and improving heating, ventilating, and air conditioning systems at the Egan & Kirie Water Reclamation Plants. At the Egan WRP the main upgrades include replacement of the cooling towers, replacement of 1 absorption chiller with 2 electric chillers and associated chilled water and condensing water pumps, integration of the new equipment to the Johnson Controls HVAC network, and Boiler Control upgrades. At the Kirie WRP the main upgrades include replacement in-kind of 1 electric effluent chiller and associated chilled water, and condensing water pumps and Boiler Control upgrades.
Project Justification	The need for replacement is based on age, life expectancy, and reliability. The equipment being replaced has experienced chronic failures due to equipment corrosion and leaking coils and piping. The project will minimize future maintenance costs and ensure increased reliability to protect District assets, improve air quality, and provide a safe working environment.
Project Status	Design