EAA Reservoir Project Stormwater Treatment.

Case Study

Grundfos KPL Stormwater Pumps Play Instrumental Role in Florida Everglades Restoration Project

Grundfos Pumps Help Move Water From Lake Okeechobee to the Everglades Agricultural Area Stormwater Treatment Area For Cleaning, Storage; Project to Provide Clean Water to the Everglades, Coastal Communities, Aquifers

Brookshire, Texas – Feb. 26, 2024

Grundfos, a global leader in water technology and services, announced today that the Grundfos KPL submersible axial flow propeller pumps are installed in multiple pump stations in the Everglades Agricultural Area (EAA) Stormwater Treatment Area. With the ability to pump 146,000 gallons of water per minute, Grundfos KPL pumps will move water from Lake Okeechobee into the 6,500-acre EAA Stormwater Treatment Area and Reservoir for storage and cleaning. The clean water will then move south to nourish the Everglades and replenish Florida's aquifers and the Florida Bay.

"The EAA Reservoir and Stormwater Treatment Area is a triumph in sustainable design that will positively impact Florida's residents, the local economy and the native wildlife for generations," said Jack Canfield, Market Development Manager of Water Utilities at Grundfos. "Grundfos' role in this project exemplifies the company's belief that everyone deserves access to clean, safe water, including the local ecosystem of birds, fish and plants. We are proud to work with the South Florida Water Management District, the engineers at Brown and Caldwell, and the construction team at Phillips & Jordan to ensure the success of a hydrological restoration project of this scale and complexity."

For decades, toxic runoff from agricultural land use entered Florida's canal system and made its way into natural waterways, lakes and coastal communities. In 2019, Florida Governor Ron DeSantis enacted an ambitious Everglades restoration project that includes the EAA Reservoir and Stormwater Treatment Area, which will use the natural filtration systems of the Everglades to reduce harmful discharges like green algae and other bacteria and restore the natural flow of clean water to South Florida.

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Possibility in every drop

EAA Reservoir Project Stormwater Treatment Area Cell 1.

Efficient Water Management Grundfos KPL Submersible Axial Flow Propeller Pumps

Grundfos KPL submersible axial flow propeller pumps are installed at two pump stations within the stormwater treatment area. One pump station is now operational, and the other is completing the testing and analysis phase while power is connected to the station.

“The entire Grundfos team feels immense pride as we see this critical phase of the Everglades restoration project come to fruition,” said HP Nanda, EVP & Divisional CEO of Water Utility at Grundfos. “As stewards of our environment and a global leader in water solutions, we recognize the critical role water plays in sustaining life and ecosystems. The installation of these Grundfos solutions marks a significant step forward in our commitment respect, protect and advance the flow of water. Through innovative technology and collaborative efforts, we aim to ensure a brighter, healthier future for generations to come.”

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About Grundfos

Since 1945, Grundfos has been committed to pioneering solutions to solve the world’s water and climate challenges and improve people's quality of life. Owned by the Grundfos Foundation (Poul Due Jensen Foundation), the company’s products for Commercial Building Services, Domestic Building Services, Industry and Water Utilities are sold in a large number of countries by local distributors. Grundfos believes that achieving diversity in the company’s workforce and talents, for instance, in terms of gender, ethnicity and work capacity, is essential to the company's progress. Grundfos is a multi-national company with global headquarters in Denmark and the U.S. Main Office and Global Headquarters for Water Utility in Brookshire, Texas. For more information, visit https://www.grundfos.com/us and connect on LinkedIn, YouTube, Facebook and Instagram.

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