



Swim Pro Service & Supply Completes Aquatic System Upgrades at YMCA Whitaker

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Swim Pro Service & Supply, a family-owned pool service company, has completed a series of commercial aquatic system upgrades at YMCA Whitaker. The work included installation of a new ultraviolet disinfection system in May 2026, followed by a full filter media replacement in both commercial sand filters on July 16, 2026. The projects addressed chloramines, water clarity, and air quality at the facility while restoring filtration performance in large-scale equipment used for public swimming.

The ultraviolet project involved removal of an existing UV unit and installation of an NSF/ANSI 50 certified commercial ultraviolet disinfection system designed for aquatic facilities. The system uses medium-pressure UV lamp technology to reduce chloramines, improve water clarity, and provide secondary disinfection against chlorine-resistant organisms. Technicians isolated and drained the existing unit, disconnected electrical connections, installed a new stainless steel UV chamber into the existing piping configuration, completed minor plumbing modifications for alignment, and reconnected the system to circulation piping. The team also mounted a control panel, completed electrical integration, and coordinated system startup.

Equipment for the ultraviolet installation included a stainless steel reactor chamber for horizontal installation,

a medium-pressure UV lamp system with 200 to 400 nanometer output, an automatic self-wiping quartz sleeve cleaning system, integrated UV intensity monitoring with alarm protection, and a control panel with adjustable output and system diagnostics. The setup also included flow-based performance adjustment capability and a factory-supplied strainer assembly.

The second phase focused on both Nemato and National Line NFS-42-10B-200E horizontal commercial sand filters. Existing sand and gravel media had aged and were no longer filtering as effectively, contributing to chloramine formation and reduced water clarity. Swim Pro Service & Supply removed more than 4,000 pounds of old sand and gravel with a vacuum truck, drained and opened the filter vessels, inspected internal laterals and underdrain components, and installed new Zeobrite filter media. Approximately 100 bags of 50-pound Zeobrite media, totaling about 5,000 pounds, were placed in the two high-rate commercial filters. The team then reassembled the vessels, completed system startup, performed backwash and rinse cycles, and verified operation.

The filter media replacement was a four-person project involving Service Operations Manager Kevin, Co-Owner Patrick, Technician Jarred, and Technician Alex. The scale of the filters required coordinated removal of spent media and precise placement of new material to restore flow distribution and long-term filter performance.

Patrick Staar and Alysia Staar serve as co-owners of the family-owned business. The YMCA Whitaker projects reflect the company's commercial capabilities, which include equipment installation, maintenance programs for high-volume facilities, water quality management, and health department compliance support. The work also aligns with the company's broader service offering for residential and commercial clients across Fayette County and surrounding communities.

"The YMCA Whitaker projects combined equipment replacement and filtration restoration to address water quality issues that affect both swimmers and indoor air conditions," said Patrick Staar. "Installing a certified ultraviolet system and replacing thousands of pounds of filter media required careful coordination and attention to existing facility infrastructure."

"Commercial aquatic work of this scale depends on planning, the right materials, and a team that can execute each step in sequence," added Staar. "These upgrades support clearer water and more consistent system performance at a public facility."

The company has more than 50 years of experience serving residential homeowners and commercial operators, including apartment complexes, hotels, resorts, fitness centers, gyms, and municipal and recreational pools. Its commercial work includes bulk chemical delivery, equipment upgrades, leak detection and repair, and seasonal opening and closing services. Family ownership supports direct involvement in

project execution, as demonstrated by the co-owner's participation in the July filter media change.

YMCA Whitaker is a public aquatic facility that relies on commercial filtration and disinfection systems to maintain safe swimming conditions. The completed ultraviolet installation and Zeobrite media replacement were designed to restore system function and address the water and air quality concerns associated with aged media and chloramine buildup.

Swim Pro Service & Supply operates as a family-owned business dedicated to professional pool care. With more than 50 years of experience serving residential and commercial clients across Fayette County and surrounding Kentucky areas, the company maintains its focus on quality through its experienced team and family-guided operations.

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For more information about Swim Pro Service & Supply, contact the company here: Swim Pro Service & Supply Patrick Staar 859-255-7692 inquiries@swimproservice.com 628 Kennedy Rd, Lexington, KY 40511

Swim Pro Service & Supply

Swim Pro Service & Supply has been Central Kentucky's premier pool service company since 1976. For nearly five decades, we've helped thousands of families enjoy worry-free pool ownership throughout Lexington and surrounding communities.

Website: <https://www.swimproservice.com/>

Email: inquiries@swimproservice.com

Phone: 859-255-7692

