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Pa. Jellystone Park Innovates with **New Wastewater System**

by Woodalls Campground Magazine — June 27, 2024 in Industry News





The Jellystone Park Quarryville has unveiled an innovative wastewater solution that benefits a local farmer. Credit: Jellystone Park Quarryville

Jellystone Park Quarryville in Quarryville, Pa., is excited to announce the launch of an advanced wastewater treatment plant aimed at supporting local farmer Ben Flahart. This environmentally friendly initiative centralizes and treats all wastewater from the campground, providing a sustainable irrigation solution for the neighboring farm, according to a press release.

In a significant upgrade from the traditional septic system, Jellystone Park Quarryville has installed a state-of-the-art, on-site wastewater treatment plant. This facility collects sewage from across the campground, processes it centrally and treats it to a high standard suitable for discharge into streams. Rather than discharging it, however, the treated water is recycled to irrigate Farmer Ben Flahart's fields.

"This innovative system will support the local agricultural community in Quarryville," said Shannon Sullivan, chief construction officer at Northgate Resorts. "By replacing the traditional drain field with a modern sewer system, we're ensuring efficient wastewater management and a commitment to sustainability."

The collection system was upgraded with new underground piping to ensure all wastewater is directed to the central plant. The water is then treated to the proper discharge levels, regulate Privacy - Terms the Pennsylvania Department of Environmental Protection. The system utilizes an environmentally friendly biological treatment process to break down the waste that requires minimal chemicals to operate. Once treated, the clean water is pumped to a large holding tank on the adjacent farm. From there, it is intermittently sprayed over the fields using a large central pivot irrigation system, which operates like a sprinkler, ensuring even distribution of the water across the crops.

The treated water benefits non-consumption crops and livestock, demonstrating the potential for similar systems in other communities and parks. This initiative sets a precedent for responsible water use and recycling, reinforcing Jellystone Park Quarryville's role as an environmental steward, notes the release.

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