

Lake Atalanta Park Restoration  
Water Conservation Features: Gravel-Pave



Project Partners



Environmental Protection Agency Region 6 provided partial funding for this project through Arkansas Natural Resources Commission under Section 319 of the Clean Water Act.



Over 6,750 square feet of *gravel-pave* parking areas at the newly renovated Lake Atalanta Park allows rainwater to infiltrate and soak down through the underlying gravel and soil. The soil acts as a filter to remove contaminants through natural bacterial action and chemical processes. Underlying gravel layers, composed of coarse, angular stone, allow for water passage while still providing a stable surface for parking. The gravel surface is held in place by a recycled plastic structural layer that is strong enough to drive and park on.

Rain water falling on paved areas may pick up oil, antifreeze, salts, metals, and other toxins and wash these into nearby lakes and streams. As paved areas increase, water pollution in reduces the quantity and quality of fish and other wildlife in nearby streams. Water pollution also leads to overgrowth of nuisance algae which can prevent recreational uses of the water.

This project is an example of *Low Impact Development* and helps reduce negative impacts of traffic-borne contaminants at Lake Atalanta Park by allowing the rainwater to soak into gravel and soil rather than wash directly into Prairie Creek which flows into Beaver Lake.



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