BEAVER WATERSHED ALLIANCE

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Fast Facts:

- Alliance announces completion of Low-Impact Development parking lot project at Lake Atalanta, near downtown Rogers, AR.
- Project to protect water quality of Beaver Lake, drinking water source for 1 in 6 Arkansans.

Alliance Completes Low-Impact Development Project in Rogers (305 words)

The Beaver Watershed Alliance is pleased to announce the completion of a Low-Impact Development pilot project in Rogers, Arkansas, made possible through partnerships with the US EPA, Arkansas Department of Natural Resources, City of Rogers, and Beaver Water District.

According to the US EPA, Low-Impact Development refers to systems and practices that use or mimic natural processes that result in the infiltration, evapotranspiration, or use of stormwater in order to protect water quality and associated aquatic habitat.

This project included the installation of 40 permeable parking spaces, using interlocking concrete pavers. The City of Rogers provided design and engineering services towards the project, and Steep Creek, LLC was selected as the contractor to install the project. Educational signage was designed by Beaver Watershed Alliance. The grant project, provided by AR Dept of Ag – Natural Resources Division, titled "Lake Atalanta LID Demonstration Project in the Beaver Lake Watershed," totaled \$407,982 for Education and Outreach, Technical Assistance and Implementation.

According to the Interlocking Concrete Pavement Institute (ICPI), stormwater benefits that can be achieved by using these paver systems include, but are not limited to:

- Up to 100% reduction of runoff from common stormwater events
- 50-year life-cycle for this surface
- Compatibility with underground stormwater storage, and can eliminate the need for storm drains
- Increased site infiltration that helps maintain pre-development runoff volumes, peak flows and time of concentration
- Heat island reduction

Northwest Arkansas residents can learn more about this project by visiting Lake Atalanta near downtown Rogers. The Alliance partnered with the City of Rogers to install permeable pavers at the park, which will work alongside other innovative features at Lake Atalanta such as bioswales, native plantings, flush curbs, and more, to slow, spread, and filter stormwater.

To learn more about the Alliance, visit <u>www.beaverwatershedalliance.org</u>.

To proactively protect, enhance and sustain water quality in Beaver Lake and the integrity of its watershed. *Beaver Watershed Alliance* | 162 Doolin Dr. | P.O. Box 762, Elkins, AR 72727 | 479.750.8007



To contact the Alliance, email <u>info@beaverwatershedalliance.org</u> or call 479-750-8007.

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