

Huff Run Watershed - Mineral Zoar

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Project Status: Completed November 2009 Project Number: TS-Sn-23

Pre-construction



Future Reserve Alkaline Producing System and Aerobic Wetland site, Photograph by Maureen Wise

Post-construction



Mineral Zoar Overview and Aerobic Wetland Photograph by Maureen Wise

Mineral Zoar is located in Sandy Township in Tuscarawas County. The Mineral Zoar project discharge, site MZR08, is located under the railroad bed at the Mineral Zoar Road final project exit point. Mineral Zoar is the largest tributary to Huff Run and runs through the Mineral City Park. The project consists of two deep mines that discharge acidic water. The design was completed by Baker Consulting and ODNR in-house for \$53,780. The treatment approach for this site is to treat the two deep mines with a reverse alkaline producing system (RAPS) (1,400 sq. ft) while utilizing an existing wetland and 100 linear feet of open limestone channels. The goal of the design is to reduce 100% of the acidity on site. Construction was complete Fall 2009 by Beaver Consulting for a cost of \$373,268. Funding source for the project design and construction is ODNR-DMRM and OSM.