

**STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINERAL RESOURCES MANAGEMENT**

**HOLMES AMD WETLAND
TUSCARAWAS COUNTY, OHIO
PROJECT NUMBER TS-WR-36**

PROJECT DESCRIPTION

The Holmes AMD Wetland project is located within the unincorporated Village of Wainwright in Tuscarawas County, Ohio. The AMD discharge from the project area enters a Silver Creek tributary at river mile 0.8 and enters Mud Run at river mile 1.84. The project site discharge is a diffuse deep mine discharge that originates from an unidentified 1960's highwall cut to the west that intercepted a portion of the Starfisted Coal Company's Heater mine that was abandoned in 1922.

The Holmes AMD project consists of two major components. The first component is the construction of two rock berms (#1 – 3 ft. tall, 135 ft. long; #2 – 4 ft. tall, 220 ft. long). The berms are to be constructed in an existing wetland. The second component is the construction of a Limestone Leach Bed (150 ft. long by 91 ft. wide by 4.5 ft. deep). The leach bed will be supplied by water from the wetland. As the flow moves through the leach bed it will pick alkalinity and then be discharged into Silver Creek. The discharge will mix with the AMD existing in Silver Creek which will improve the quality of the flow entering Mud Run and ultimately the Tuscarawas River.

The major items of work at the project site include placement of 1000 tons of ODOT Type "C" Rock, 1700 tons of No. 3 and No. 4 Stone, 340 linear feet of SDR 26 PVC pipe, 1700 cubic yards of Earthwork/Compacted Fill, 3400 square yards of soil reinforcement grid, 1700 square yards of impervious liner, and grading and revegetating about 2.5 acres.

A MANDATORY pre-bid meeting will be held on March 8, 2016 AT 10:00AM at the Holmes AMD Wetland site. The meeting will be at the intersection of TWP Rd 643 and Silver Creek in Wainwright, Ohio. Wainwright can be reached by taking SR-416 north from US Rte. 36 east of Port Washington or west of Gnadenhutten through the town of Tuscarawas, turn left (west) (approx., 2.5 miles north from School St. traffic light) onto Moravian Church Rd SE, turn left again onto TWP Rd 60 (Wainwright Rd.), and then turn left onto TWP Rd 643 (Silver Creek Rd SE). If coming south down SR-416 from the north, after passing through the Village of Goshen turn right (west) (approx.. 2.1 miles) onto Moravian Church Rd SE, turn right on to TWP Rd 60 (Wainwright Rd.), and then turn left on to TWP Rd 643 (Silver Creek Rd SE).

The *Division of Mineral Resources Management* contacts for this project include the Project Officer, Mike Gosnell, and the Project Engineer, Scot Hindall, P.E.. Mike may be reached at the Cambridge District office at (740) 439-9079. Scot Hindall may be reached at the Fountain Square Columbus office at (614)-265-6716.

