

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

**JENSIE AMD PHASE II PROJECT
JEFFERSON COUNTY, OHIO
RECLAMATION PROJECT NUMBER JF-Sp-16**

Project Description

The Jensie AMD Phase II Project is located in Springfield Township, Jefferson County, Ohio. Directions to the site are as follows: From Carrolton, Ohio Take S.R. 43 East toward Steubenville, Ohio. Take S.R. 43 East approx. 17.3 miles. Turn Left onto C.R. #75 (Wolf Run Rd. which is directly across from Marathon Gas Station). Travel West for approx. 0.2 miles and gated entrance to the project site is located on the right (north) side of the roadway.

The closest address to the project site is for Laney Tire and Service, 33 County Hwy. 75 East Springfield, Ohio 43925.

The project consists of the construction of two separate 0.17 acre Bioreactor beds and a 0.4 acre Wetland for treatment of an existing Acid Mine Drainage located on the site. The Bioreactor and Wetland construction shall consist of approx. 26,000 C.Y. of earthwork and 850 C.Y. of rock excavation. Earthwork and rock quantities shall be hauled to an onsite disposal area that shall be amended with lime prior to being covered with re-soil material. Vinyl Sheet Piling shall be installed on the project to capture subsurface acidic drainage and redirect it to the Bioreactor for treatment. The Bioreactor shall be filled with a uniform mixture of wood chips, straw, mushroom compost and agriculture lime. Several limestone channels and diversion shall be constructed to divert existing surface water. Temporary erosion and sediment controls include the use of temporary diversion channels, silt fence and straw bale dikes. Once the site is final graded it shall be fertilized, seeded and mulched. Additional work items shall include debris removal and disposal, installation of water valves, installation of underdrains & outlet pipes, construction of a stoned access road, installation of a culvert, construction of compacted fill, installation of compacted clay liner and filter fabrics, dewatering, demolition of an existing concrete headwall, application of agricultural lime, installation of farm gates and a concrete weir.

The project officer for this project is Todd Gleydura in the Salem Office (330) 222-1527, and the project engineer is Ron Warner, P.E. in the Cambridge Office (740) 439-9079.



LOCATION MAP
NOT TO SCALE