

# Raccoon Creek Watershed - Hope Clay

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Project Status: Complete: 2005 ODNR Project Number: NA

## Pre-construction



Unreclaimed gob pile, Photo by Ra Photo by Raccoon Creek Watershed Partnership

## Post-construction



Regraded and resoiled gob pile, Photo by Ben McCament

Hope Clay is located in Section 23 of Brown Township in Vinton County and lies within the 12-digit HUC unit #050901010205. The project discharge was measured at the Hope Clay Project tributary. The design was completed by ODNR-DMRM for \$5,000. The treatment approach for this site was to install an open limestone channel (OLC) and to conduct basic reclamation. The major consideration for this site was erosion control. The goal of the design was 100 percent acidity reduction and erosion control. The project goal was met by 100 percent. The construction was complete June 1, 2005, by Hocking College Environmental Program for a cost of \$67,000. The major responsibility of the Hocking College Environmental Program was to conduct site reclamation. The funding sources for this project were ODNR-DMRM and OSM ACSI for construction. Approximately 21.53 lbs/day of acid and 3.77 lbs/day of metals were prevented from entering into Raccoon Creek as a result of this AMD reclamation project. Pre-treatment acid and metal loadings at site HC001 are shown in Figure 1.

## SITE: HC001

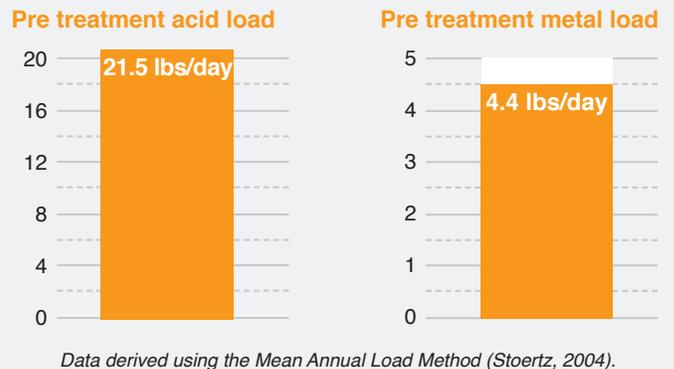


Figure 1. Estimated acid and metal loadings prior to treatment