

**Middle Branch
AMD Treatment Project
Leidy Twp., Clinton Co.
AMD 18(0888)101.1
8/4/98**

Water Quality Parameters Used for Project Design are as follows:

Flow = 50 gpm

PH = 3.0

Fe = 15 mg/l

Ferrous Fe = 0.6 mg/l

Al = 75 mg/l

Mn = 20 mg/l

Acidity = 750 mg/l

Total Alkalinity = 0

PH4 = 120 mg/l

Hardness = 500 mg/l

SO4 = 550 mg/l

SAPS (TC-2,TC-3) design life = 20 years

Settling Pond (TC-4) design life = 25 years