Area of disturbance = between 5 and 7 acres
depends upon which map used 1" = 800'
or 1" = 177'

percolation rate = < .2 in/yr

5 ac = 5 X 43,560 ft^2 = 217,800 ft^2

217,800 ft^2 X .017 ft = 3630 ft^3

3630 ft^3 X 7.48 gl/ft^3 = 27,152 gls/yr