Remote Water Quality Monitoring Network

Quittapahilla Creek
Watershed Profile

December 2016

Watershed Overview
Quittapahilla Creek generally flows east to west before it joins the Swatara Creek. The Quittapahilla Creek Watershed is entirely within Lebanon County, PA. The monitoring station along Quittapahilla Creek is located near its confluence with the Swatara Creek.

Drainage Area Characteristics
Monitored Drainage Area: 73.8 mi²
Total Stream Miles: 82 miles
• 82 miles are designated as Trout Stocking Fishery

Stream miles impaired and dominant source/cause: 82 miles impaired by agriculture, urban runoff, and pathogens
Average Annual Flow at Station (NHD): 105.5 cubic feet per second (cfs)
Maximum Flow Time from Headwaters: 22 hrs. 47 min.

Land Use (2006):
▲ Forest: 14.9%
▲ Grassland/Herbaceous: 2.4%
▲ Agricultural: 58.6%
▲ Developed: 22.6%
▲ Barren/Extractive: 0.5%
▲ Water: 0.7%
▲ Wetlands: 0.3%

Marcellus Natural Gas Drilling Pads (SRBC ABR): 0
Permitted Natural Gas Water Withdrawals: 0 Frac Water Withdrawals
Public Water Supply: 27 Groundwater Withdrawals and 1 Surface Water Withdrawal
Permitted Discharges and Type (NPDES sites): 62
• Industrial: 22
• Stormwater: 27
• Wastewater Treatment Plant: 12
• Frac Wastewater Treatment Plant: 0
• Groundwater Clean Up: 1

Underlying Geology: Igneous, Dolomite, Conglomerate, Limestone, Shale, Sandstone