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Subject: : Conservation

Topic: : Acid Rain and Un-surveyed streams

Re: Acid Rain and Un-surveyed streams

Author: : FarmerDave

Date: : 2013/8/19 7:25:50

URL:

Quote:

Chaz wrote:

Rain is naturally acidic, but it is only marginally acid. A water sample would tell them right away if it was acid rain causing the issue, they can tell by the chemistry. Many stream in the ANF are naturally acidic according the AFM for that area, I spoke to him on the phone after being up there one time.

But acid rain would exacerbate the problem of natural acidity. As I remember Ltl. Salmon starts on the same ridge as the Spring Creek tribs. If the buffering is depleted by acid rain it would be a very long time before long term improvement of water quality would happen without intervention.

Salmon and Bluejay are opposite of Millstone and Spring Creeks on the same ridge. The first two flow to Tionesta Creek, and the latter flow into the Clarion. I know of only one trib of the 4 main streams that surveys better than Class D and it is only a C.

The geology sucks in that area, and buffering is minimal at best. Acid is a problem, but in the case of Millstone, I believe the soil and geology are actually the larger contributor of acidity.

Let me put it this way. It is pretty hard to ignore when the PH of a stream is CONSIDERABLY lower than the average PH of precipitation in the area. Well, hard for me to ignore at least, but then, this is my only PHD.

Attach file:

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 PHD.jpg (16.90 KB)

