
Subject: : Conservation

Topic: : More work along the Loyalhanna

Re: More work along the Loyalhanna

Author: : Maurice

Date: : 2013/8/13 23:24:18

URL:

Quote:

Chaz wrote:

Since when is a channel split a bad thing, most streams in natural settings have them and it doesn't reduce trout populations. And where are the trees, you can't restore a stream without them. The structures may not prevent erosion, in fact it can, when it's hardscapped, cause more erosion. Even trees don't prevent erosion, but that section pictured clearly needs trees.

Chaz,

Down in the article....

Penatzer said LWA plans to add more vegetation to the site in October for further protection from erosion.

"We'll plant trees to get more of a root system established to hold the soil," he said.

Vegetated mid channel bars below bridge piers causes the stream, in this case a very large stream during high water events to put sheer stress on the banks in a straight channel. This isn't a brookie stream in a forested environment. Removal of the mid channel bar is necessary to protect the bankfull benches which allow the stream to access the floodplain.

The cross rock vanes provide concentrated flow to allow proper bedload transfer and prevent the need to dredge under the bridges.

As a byproduct they also create plunge pools and habitat for fish species.

This project isn't sponsored by TU for the restoration of trout streams. Its a community development project funded by a private foundation (mellon) and sponsored by several local watershed and conservancy groups.

As stated above, in the long term the trout fishing opportunities will improve in downstream areas.

So you'll get your trees. Happy now?