

Subject: : Conservation

Topic: : Dam removal.

Re: Dam removal.

Author: : RyanR

Date: : 2013/10/3 14:00:32

URL:

Quote:

troutbert wrote:

Where a plunge pool was formed below a dam, and you remove that dam, the plunge pool will disappear.

Unless there is something else going on there to create and maintain the pool, for example if the bridge abutments are influencing the flow in a way to maintain a pool there.

But generally speaking when you remove a dam, the plunge pool will disappear. That's predictable. The mechanics of it are very straightforward.

Okay, so an artificial plunge pool is removed. I understand your explanation but I don't see your point other than implying that removing the dam and all the well-known problems that causes is less preferable to keeping the dam in place in order to preserve the small, artificially created habitat of the plunge pool? Taking into consideration the overall health of the stream leaving the dam to only serve to preserve a small plunge pool seems entirely short-sighted. Coming in after the dam-removal and using rock cross vanes to create/maintain a pool does not seem contradictory to me at all. Rather, I think it is much more preferable for maintaining a pool while still allowing for the all too important function of moving sediment downstream and out of the system. Straightfoward indeed. 😊