

Subject: : Conservation

Topic: : Bennetts Branch of the Sinnemahoning

Re: Bennetts Branch of the Sinnemahoning

Author: : PAgeologist

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URL:

@Maurice-We dont have any discharge permits to run the plant. It is not required (yet). Like I stated earlier, I dont think its a discharge temperature issue as much as its a discharge volume issue. I am not sure that we can provide the amount of cool water needed to maintain a reasonable temp during low flows.

The retention time for water in the plant is relatively low. I think its around 30 minutes if I remember correctly. and given the design of the plant, I dont think that water has much of a chance to warm significantly.

I intended to get readings from the stream and discharge my last trip up there, but thunderstorms and other work that needed to be done did not allow me to do so. I will see what I can dig up from the sample results.

I know one of the things we are looking at is increasing the amount of alkalinity that we are discharging by adjusting the aeration and lime amounts that we treat with.