

## Barnes, Peter@Waterboards

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**From:** Phil Parish <prparish@frontiernet.net>  
**Sent:** Thursday, January 01, 2015 12:00 PM  
**To:** Barnes, Peter@Waterboards  
**Subject:** Lake Almanor

Mr. Peter Barnes, Engineering Geologist

State Water Resources Control Board  
Division of Water Rights  
Water Quality Certification Program  
P.O. Box 20000  
Sacramento, CA 95812-2000

Dear Sir:

I couldn't have been more appalled and surprised by the recommendation to install a "thermal curtain" in Lake Almanor.

It makes no sense. It seems to be a decision built on a house of cards-all jokers.

Everything is based on an unsubstantiated hypothesis. No one knows if the construction of an early 20th century dam actually altered downstream temperatures. After all, the water that flowed from the north before the dam was built had to meander through Big Meadows. Surely that water was warmed during its pre-dam passage.

One wonders if a thorough and accurate cost/benefit analysis took place.

The expense of designing, constructing and maintaining all the apparatus needed to remove and transport water from Lake Almanor to downstream for this conjectural benefit will be enormous and ongoing. Plus, the water sucked out of the lake will no longer be available to generate power. Someone has to pay for this....forever. It will be rate payers and tax payers, who are one and the same.

Siphoning away precious cool water from Lake Almanor for this supposed lower stream aid may destroy, or at least seriously negatively affect, the fine Lake Almanor fishery which now attracts people from all over the world. So, in addition to paying to put in and maintain the "giant sucking machine," as well as expending more for higher electrical rates, citizens of the area will have to live with the insult of a degraded environment.

After the water is drawn from the lake, what will keep it cool on its long and sun-exposed pipeline odyssey? Will we have to eventually build pipeline shelters? Install refrigeration junctions?

All this for a speculative notion, which, if it exists, according to Dr. Johnson's Level 3 Report, is for "...very small temperature benefit."

Two analogies come to mind: 1. Destroying a village to save it. 2.) Using a cannon to destroy a theoretical fly.

Mr. Barnes, I am but a layman (albeit a California native who loves his natal state), but I think I recognize folly when I see it. I hope you and the others who hold the future of this wonderful part of our state in your hands will reconsider the recommendation to inflict a "thermal curtain" on Lake Almanor.

Sincerely,

Phil Parish  
818 Lassen View Drive  
Lake Almanor, California