

## **Barnes, Peter@Waterboards**

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**From:** diana pallari <drpallari66@gmail.com>  
**Sent:** Wednesday, March 11, 2015 2:05 PM  
**To:** Barnes, Peter@Waterboards  
**Cc:** wendi@bhhslakealmanor.com; almanorfishing@sbcglobal.net; Carolyn & Mike; aseandel@frontiernet.net  
**Subject:** Proposed Thermal Curtain at Lake Almanor

Dear Mr. Barnes:

My name is Raymond Pallari and I live in Lake Almanor, California. I am writing this letter due to my concern over the possible installation of the Thermal Curtain in the Lake. In 2012, I was involved in a program to determine the "risk" factor or "risk" level of an investment of the lake by Zebra/Quagga Mussels.

I am a Board Member of the Lake Almanor Fishing Association and worked with the Almanor Basin Water Quality Committee (ABWQC) on this project. As you know, the Mussels are transferred by watercraft which results in investment. Our survey required considerable time and effort to establish the data required to make an accurate projection, ie had the watercraft using Lake Almanor been in water suffering from mussel investment.

During the program, we received many publications from ther Department of Fish and Game concerning Mussel investment. Much emphasis was placed on watercraft inspection and Calcium levels of the lake water. The Calcium represents the most important defense mechanism we have as they determine wether or not the mussels can reproduce. Calcium levels represent our only line of defence recognizing we are only one careless boat owner away from an investment.

Mr. Barnes, has there been any study, science, or consideration given to the relationship between removing vast amounts of cold water, lake warming and the posible effects on Calcium levels?? I continue to gather information on the Thermal program but I cannot comprehend the risk versus the rewards concerning the proposal at Lake Almanor.

Respectfully,

Ray Pallari

**Barnes, Peter@Waterboards**

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**From:** diana pallari <drpallari66@gmail.com>  
**Sent:** Wednesday, March 18, 2015 10:44 AM  
**To:** Barnes, Peter@Waterboards  
**Subject:** Fwd: Bailey Creek Babble

RE: Draft EIR, PG&E Certification UNFFR Project NO 2105

Dear Mr. Barnes,

I thank you for providing me the opportunity to provide feedback on the above mentioned project. My concern is that Alternatives 1 and 2 will have a devastating negative impact on my community, the surrounding communities, the local economy, and the environment.

My main issue with the Draft EIR is that I find very little in the report regarding the impacts this project, and the proposed Alternatives, will have on the quality of my life. I strongly disagree with the statement that increasing the water temperatures of Lake Almanor will not have a “substantial impact”. I live here and my personal experience has been contrary to your findings. With several years of drought I have seen firsthand the negative effects that an increase in water temperature has on the lake. We are experiencing more algae than in the past, which in turn reduces the clarity of the lake. I fear that any activity that further reduces cold water in the lake will greatly reduce the cold water fisheries that have made Lake Almanor one of the best fishing destinations in the State of California. My observations are supported by data in the final draft of the Lake Almanor Water Quality Report, 2015.

Increased water temperatures, increased algae, and reduced fisheries will have a devastating negative impact on the local economy, which is dependent upon tourism and already suffering. When I consider all of the negative impacts this project will have on the local economy and environment, I wonder what the impact will be on my quality of life and property value. Will more local businesses close? Will I lose needed services, such as our hospital, as a result of a worsening local economy? Will we lose the one thing that has brought us all here – the enjoyment of Lake Almanor?

In conclusion, I am OPPOSED to Alternatives 1 & 2, as described in the Draft EIR, and I believe that pursuing these Alternatives is unreasonable and reckless. I urge the State Water Board to only consider the PG&E project, as submitted and approved in the Settlement Agreement of April 22, 2004, without the additional release of cold water from Lake Almanor.

Sincerely,

Raymond & Diana Pallari  
69 Durkin Drive

Lake Almanor, CA 96137

## **Barnes, Peter@Waterboards**

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**From:** diana pallari <drpallari66@gmail.com>  
**Sent:** Thursday, March 19, 2015 4:08 PM  
**To:** Barnes, Peter@Waterboards; wendi@bhslakealmanor.com;  
almanorfishing@sbcglobal.net; Carolyn & Mike; aseandel@frontiernet.net  
**Subject:** Thermal Curtain at Lake Almanor

Dear Mr. Barnes:

The Draft Environmental Impact Report (DEIR) concerning the Thermal Curtain, determined that the cold water springs were an "insignificant" factor, in the decision making process, concerning the Thermal Curtain.

Each year during the months of July, August and into September, due to lake warming, the fish move from the open lake, to areas that supply cold water. In addition to the rivers and streams entering the lake, the cold water springs play a major role. It is an impressive sight to see hundreds of trophy size fish, congregating in the cold springs, emerging from the bottom of the lake.

This yearly occurrence prompts a question. Why do the fish migrate from the open lake waters to the more shallow confined spring areas? The answer is quite simple, "Cold Water"...

The drought conditions that exist and no future sign of relief, I believe, make the cold water springs, absolutely "significant". Nineteen (19) percent, of normal snowfall, results in no snow pack, little run-off to our waterways and warm water. It will be thru these Summer months, that most likely the Thermal Curtain would be "running overtime", taking the only cold water source we have, being the cold springs water, from the lake. DEIR still think this is "insignificant"?

As a resident of Lake Almanor, I strongly challenge the DEIR's report concerning the "insignificant" label placed upon the role of the cold springs water.

It appears that common sense and logic, in this regard, would be labeled as "insignificant" by the DEIR, thus I request the scientific facts that were utilized to establish this conclusion.

Respectfully, Raymond Pallari