

Dr. Richard A. Gierak
Degrees in Biology, Chemistry and Doctorate in the Healing Arts
2001 - 2002 Member of FERC FPAT and HET teams
5814 State Highway 96
Yreka, Ca. 96097
530 475-3212
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California Regional Water Quality Control Board

Re: Klamath River - impaired waters

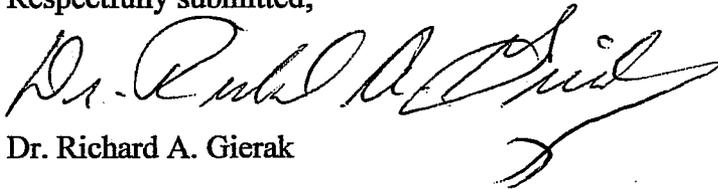
I have been a resident downriver from Iron Gate Dam for the last 22 years in addition to operating a small suction dredge in this river with no incidents of disease. I have observed water sampling at various times during these years and was dismayed that they were sampling water in backwash eddies and pools. There is no doubt that in waters that are not flowing a higher incidence of bacteria, flora and algae will propagate in summer heat. I have also had occasion to travel to Klamath Lake, above Klamath Falls, Oregon and was appalled by the amount of algae present in this shallow lake. I am also aware that this lake is the prime source for Spirulina which has nutritional and vitamin value.

To make the assertion that J.C.Boyle, Copco 1, Copco2 and Iron Gate Dams are the causative factor of algae in the Klamath River is ludicrous. I propose the following protocols to scientifically determine the causative factor of algae within the Klamath River.

1. Sampling should be taken at the following locations:
 - A. Klamath Lake
 - B. Below Keno Dam
 - C. Above J.C. Boyle Dam
 - D. Below J.C. Boyle Dam
 - E. Above Copco 1 Dam
 - F. Below Copco 1 Dam
 - G. Above Copco 2 Dam
 - H. Below Copco 2 Dam
 - I. Above Iron Gate Dam
 - J. Below Iron Gate Dam
2. These samples should be collected at the midstream points of the river. Only in this manner can we scientifically determine the causative factor in algae blooms.
3. All sampling sites, data collection times should be published and an Oversight Group be notified to validate the collected samples.

4. All laboratories which will receive samples and dates shall be made available to the Oversight Group and a qualified representative of the Group shall be present to oversee the laboratory procedures.
6. The Oversight Group shall submit their results to the California State Water Resources Control Board.
5. Funding for the Oversight Group shall be included in the scientific study that will be carried out in the AIP process or the FERC process to certify the hydroelectric facilities on the Klamath River .

Respectfully submitted;

A handwritten signature in cursive script, appearing to read "Dr. Richard A. Gierak". The signature is written in black ink and is positioned to the right of the typed name.

Dr. Richard A. Gierak