



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

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Project Title Blue-Green Algae in Lake Elsinore: Second Year Study	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals To find out why algae concentration is high in Lake Elsinore and to extricate it.</p> <p>Methods/Materials Dissolved oxygen concentration test kit. Nitrate concentration test kit. Phosphate concentration test kit.</p> <p>Results Many agricultural and industrial run-offs caused algae to bloom. Copper II sulfate, Cutrine Plus and Barley Straw is used to extricate the algae. Barley straw was the most effective and safe with surrounding environment.</p> <p>Conclusions/Discussion Barley Straw takes time to decompose, but once it decomposes, it showed the highest rate of reducing algae while it wasn't harmful to the surrounding environment.</p>	
Summary Statement Reduce algae in Lake Elsinore to the safe level.	
Help Received Test kit provided by La Sierra High School, Mr. Westover. Riverside Water Quality Control Board, Cindy Li, provided much valuable information.	