



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Michael Benner	Project Number J0704
Project Title Conductivity As a Water Quality Measurement	
Abstract Objectives/Goals The purpose of this project was to determine if electrical resistance could be used to determine water quality. Methods/Materials Various samples of water were checked for conductivity with a DATAQ datalogger and a 3-volt battery. Results Water with more dissolved solids did conduct electricity better than those with less. Conclusions/Discussion My tests showed that water quality for dissolved solids could be measured with conductivity.	
Summary Statement This project tests whether electrical conductivity of dissolved solids in water can be used to indicate water quality.	
Help Received	